

COEFFICIENT OF CONSERVATISM RANKINGS FOR THE FLORA OF MONTANA: PART I



Prepared for:
Montana Department of Environmental Quality

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Prepared for:

MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY
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COVER PHOTOGRAPH CREDITS (left to right)

- Cynoglossum officinale*, C-value 0: Photographed by Sue Crispin.
Prunella vulgaris, C-value 2: Photographed by Drake Barton.
Carex amplifolia, C-value 5: Photographed by Peter Lesica.
Salix glauca, C-value 7: Photographed by Sue Crispin.
Eriophorum callitrich, C-value 10: Photographed by Sabine Mellman-Brown.

EXECUTIVE SUMMARY

Species and land conservation requires the ability to assess natural areas. The Floristic Quality Assessment Index (FQAI) is a tool that uses plants to make standardized comparisons among open land areas, to set conservation priorities, to monitor project areas, and to restore habitats. The basic component of the FQAI is the assignment of a coefficient of conservatism (C-) value to individual plant species. For a given geography, C-values reflect the plant's tolerance to natural and/or human disturbance and its affinity to a specific, unimpaired habitat. In 2004-2005 and 2015, the Montana Natural Heritage Program assembled panels of botanical and ecological experts with field-based knowledge of Montana's flora to assign C-values to primarily wetland species. The 2005 scoring criteria were modified by the 2015 panel, which adopted the published methodology used in Georgia (Zomlefer et al. 2013). This modification led to the re-assessment of the 2005 C-values for most exotic species and some native species. The origin of many species was also researched and updated. In total, the panels assigned C-values for 1,412 plant species or varieties in Montana. When assigning C-values in 2015, the panel found that incorporating Georgia's method (Zomlefer et al. 2013) created greater scoring consistency among members, a better understanding of the scoring definitions, and a refinement that better distinguished neighboring values.

ACKNOWLEDGMENTS

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1.0 INTRODUCTION

Conservation of our species and landscapes is accomplished through land preservation, habitat restoration, and development of effective management techniques. Species and land conservation requires the ability to assess natural areas. The Floristic Quality Assessment Index (FQAI) is a tool that uses plants to make standardized comparisons among open land areas, to set conservation priorities, to monitor project areas, and to restore habitats (Wilhelm and Masters 1995). A key component of using FQAI is to assign a Coefficient of Conservatism (C-) value to an individual plant species that is specific to a defined geography. This report outlines the practical uses of FQAI, defines the process used by the Montana Natural Heritage Program (MTNHP) to assign C-values to plants in Montana, and provides the C-values data.

It is commonly accepted that plants and animals occupy habitats to which they are adapted (Wilhelm and Masters 1995). European settlement in North America has resulted in large and rapid changes to our native biological systems and processes. These changes include: a) the loss of conservative plants, those species that co-occur (to create diversity) and are suited to long-term inhabitancy, and b) the increase of exotic species that perpetuate with catastrophic disturbance or cultural activities. As a result, landscapes in Montana are a mosaic of intact systems and fragmented lands in varying states of degradation. Plants exhibit varying degrees of tolerance to disturbance and also display varying degrees of affinity (or fidelity) to a specific habitat integrity (the state of being unimpaired habitat) (Wilhelm and Masters 1995).

For a given geography, the C-value reflects the plant species' tolerance to natural and/or human disturbance and its fidelity to a habitat, and is scaled from 0 to 10. Plants assigned a value of 0 are habitat generalists that respond positively to disturbance while plants assigned a value of 10 occur in very specialized habitats and are intolerant of disturbance. The assigned C-value is not a reflection of the plant's density, apparent dominance, or frequency within the defined geographical area (Wilhelm and Masters 1995). Collectively, C-values are incorporated into community-based site assessment methods, such as FQAI (Zomlefer et al. 2013). The FQAI method is used by government agencies and private consulting firms to: 1) identify natural areas, 2) facilitate comparisons among different sites (regardless of the habitat type), 3) conduct long-term monitoring of the quality of remnant lands, and 4) guide restoration efforts (Zomlefer et al. 2013; Wilhelm and Masters 1995).

Most commonly, government agencies and private consulting firms have used FQAI to monitor wetland conditions in compliance with Section 305(b) of the Clean Water Act. Organizations are also using FQAI and C-values in long-term ecological inventories, to develop baseline conditions, and to set habitat or vegetation targets in restoration projects. To facilitate the use of FQAI and C-value indices in Montana, it is necessary to develop C-values that reflect the species' response to environmental conditions in Montana. In 2004-2005 and 2015, the MTNHP assembled a panel of botanical and ecological experts to assign C-values to Montana's wetland plant species. The emphasis on ranking wetland plants came from the primary objective of the Clean Water Act which is to "maintain and restore the chemical, physical, and biological integrity of the Nation's waters", including wetlands (Federal Water Pollution Control Act, Public Law 92-500). To date, 1,412 plant species or varieties have been assigned a C-value for Montana.

2.0 METHODS

2.1 Expert Panel

The standard methodology for assigning C-values uses an expert panel of botanists and ecologists familiar with the flora in question (Jones 2005; Rocchio 2007; and Zomlefer et al. 2013). In 2004-2005 (hereafter referred to as 2005) and 2015, the MTNHP assembled panels of botanical and ecological experts with field-based knowledge of Montana's flora (**Table 1**). The emphasis in 2005 was to review wetland plants found in western Montana; whereas, the 2015 effort focused on reviewing wetland plants that more commonly occurred in eastern Montana. In the process some upland and many exotics plants were also reviewed.

Table 1. Botanical and ecological experts serving on the 2004 and 2015 panels.

2004-2005	2015
Stephen Cooper (Vegetation Ecologist, MTNHP)	Peter Husby (Retired Botanist, NRCS ¹ , and Author)
Marc Jones (Ecologist, MTNHP)	Peter Lesica (Botanical Consultant and Author)
Peter Lesica (Botanical Consultant and Author)	Tara Luna (Botanical Consultant)
Mary Manning (Vegetation Ecologist, USFS ¹)	Scott Mincemoyer (Botanist)
Scott Mincemoyer (Botanist, MTNHP)	Karen Newlon (Ecologist, MTNHP)
John Pierce (Botanical Consultant)	Andrea Pipp (Botanist, MTNHP)
Steve Shelly (Region 1 Botanist, USFS ¹)	Ken Scow (Botanist, Botanical Consultant)

¹USFS = United States Forest Service

NRCS = United States Natural Resources and Conservation Service

2.2 Coefficient of Conservatism Values

In 2005, the panel assigned C-values based on scoring criteria developed by Andreas et al. 2004 (Jones 2005) (**Table 2**). Each panel member worked independently to assign a C-value to each plant species for which they felt confident to assess. For a given species, the scores from each panel member were averaged to determine the final 2005 C-value. The 2005 panel assigned C-values to 747 native and exotic plants known to occur in western Montana.

Table 2. The scoring criteria used by the 2004/2005 panel for assigning C-values to species.

C	SCORING CRITERIA
0	Plants with a wide range of ecological tolerances; often opportunistic invaders of natural areas or native taxa that are typically part of a disturbed community. All exotic species receive a C-value of 0.
1-2	Widespread taxa that occur in a variety of communities, including disturbed sites.
3-5	Plants with an intermediate range of ecological tolerances that typify a stable phase of a native community, but that persist under some disturbance.
6-8	Plants with a narrow range of ecological tolerances that typify stable, relatively undisturbed communities.
9-10	Plants with a narrow range of ecological tolerances that exhibit high fidelity to narrow habitat requirements.

A review of the literature and discussion by the 2015 panel led to a modification of the 2005 Montana method. On April 15, 2015, the 2015 panel adopted the published methodology used in Georgia (Zomlefer et al. 2013). This method refined the scoring criteria definitions, assigned exotics with a C-value of 0 (if invasive) or 1 (if relatively benign), assigned native plants with a C-value ranging from 2 to 10, and developed the *Dichotomous Key for Coefficient of Conservatism Rankings* (Zomlefer et al. 2013) (**Table 3; Appendix A**). The panel assigned C-values to 307 native wetland plants known to occur in eastern Montana. All C-values were

assigned using group discussion and working each species through the dichotomous key (**Appendix A**). Additional resources used included the knowledge of individual panel members for a particular species, published materials pertinent to vascular plants in Montana, and on-line databases [Consortium of Pacific Northwest Herbaria (University of Washington 2015), PLANTS database (USDA-NRCS 2015), and Flora of North America (Flora of North America Editorial Committee, eds. 1993+)]. The panel did not assign C-values to species that lacked sufficient information on distribution, habitat association, and tolerance to disturbance.

Table 3. Summary of coefficient of conservatism scoring definitions used by the 2015 Montana panel and adopted from Zomlefer et al. 2013. See Appendix A for the Dichotomous Key for Coefficient of Conservatism Rankings upon which these definitions are based.

NON-NATIVE MONTANA SPECIES	
0	invasive
1	relatively benign
NATIVE MONTANA SPECIES	
Opportunistic, Broad Ecological Tolerance	
2	exhibits a broad range of ecological tolerance and is more or less restricted to areas of human disturbance
Non-Opportunistic, Intermediate Ecological Tolerance	
3	exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and thrives and/or persists under natural or human disturbance
4	exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and persists but does not thrive with some natural or human disturbance
5	exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and persists but does not thrive with a little natural or human disturbance
Non-Opportunistic, Narrow Ecological Tolerance	
6	exhibits a moderate fidelity to a more or less narrow range of ecological tolerance, typifies a stable or near climax community, and tolerates limited natural or human disturbance (unless surrogate for fire or other natural disturbance)
7	exhibits a moderate fidelity to a somewhat narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance
8	exhibits a moderate fidelity to a narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance
9	exhibits a high fidelity to a narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance
10	exhibits a very high fidelity to a very narrow range of ecological tolerance that typifies a stable or near climax community and does not tolerate disturbance

Adopting the method used in Georgia (hereafter referred to as the ‘2015 method’) brought into question the validity of the C-values assigned in 2005 and the unequal treatment of exotic species by the 2005 and 2015 methods. The panel agreed that all exotic species should be re-evaluated using the 2015 method and that a subset of the 2005 C-values assigned to native plants should be re-evaluated to determine if the methods resulted in significantly different C-values.

A subset of the native plants with assigned 2005 C-values was used to test the 2005 and 2015 methodologies. For a given species, an assigned 2005 and 2015 C-value that differed by three or more values was considered significantly different (Rocchio 2007). The MTNHP botanist randomly selected 20% (138 species) of the native plants that had an assigned 2005 C-value.

The list of 138 species was provided to three panel botanists who each used the 2015 method to assign a C-value for the species for which they felt confident to assess. The three botanists worked independently and did not know the species' 2005 C-value. For a given species, the three botanists' C-values were averaged. The averaged 2015 C-value was compared to the 2005 C-value for each species. Of the 138 species, 131 (95%) species had 2005 and 2015 C-values within three values of each other, suggesting that both the 2005 and 2015 methods are consistent in placing the species in the same spectrum of the 0 to 10 scale. Further analysis showed that the 2005 and 2015 C-values were the same for 37 species (27%) and differed by one or two values for 94 species (68%). A difference of three or more values resulted for seven plant species. The C-value for these seven species was changed to reflect the more refined 2015 method.

The 2005 method assigned a C-value of 0 to most exotic species and either a 0, 1, or 2 to some weedy native and exotic species. To ensure consistency all species assigned a 2005 rank of 0, 1, and 2 were re-evaluated using the 2015 methodology. In addition, the origin of many species was also re-evaluated based on current literature. This resulted in 429 species being re-evaluated. Applying the 2015 method, exotic species were either assigned a value of 0, if deemed invasive, or a 1, if deemed relatively benign, by the panel. Applying the 2015 method all native species were assigned a C-value ranging from 2 to 10.

3.0 SUMMARY

In 2005 and 2015, the MTNHP assigned C-values for 1,412 species or varieties (**Appendix B**). When assigning C-values in 2015, the panel found that incorporating Georgia's method (Zomlefer et al. 2013) created more scoring consistency among members, a greater understanding of the scoring definitions, and a refinement that better distinguished between consecutive C-values. The Botany Program of the Montana Natural Heritage Program (MTNHP) has and will continue to house and maintain the C-value dataset (processes, data, and documentation). The methods and species' C-values are available on the MTNHP website (<http://mtnhp.org/>). An additional 1,480 plants are still lacking C-values (**Appendix B**). Future funding would allow for most of these 1,480 plants to be assigned a C-value using the 2015 methodology.

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Appendix A

2015 Methodology: Dichotomous Key

Figure 1. The Dichotomous Key for Coefficient of Conservatism Rankings, taken from Zomlefer, W., L. Chafin, J. Carter, and D. Giannasi. 2013. Coefficient of Conservatism Rankings for the Flora of Georgia: Wetland Indicator Species. Southeastern Naturalist, 12(4): 790-808. Eagle Hill Institute.

Dichotomous Key for Coefficient of Conservatism Rankings	
(a) Non-native species.....	(b)
(b) invasive	rank 0
(b) relatively benign	rank 1
(a) Native species.....	(c)
(c) opportunistic, broad range of ecological tolerance, more or less restricted to areas subject to human disturbance.....	rank 2
(c) non-opportunistic, intermediate to narrow range of ecological tolerance.....	(d)
(d) intermediate range of ecological tolerance, typifies a stable phase of some native community, thrives and/or persists under natural or human disturbance.....	(e)
(e) persists and/or thrives under natural or human disturbance.....	rank 3
(e) persists but does not thrive under limited natural or human disturbance.....	(f)
(f) persists with some disturbance.....	rank 4
(f) persists with a little disturbance.....	rank 5
(d) narrow range of ecological tolerance, typifies a stable or near climax community (including fire-dependent disclimax communities), tolerates little to no disturbance (unless surrogate for fire or other natural disturbance).....	(g)
(g) moderate fidelity to a narrow habitat requirement, may or may not tolerate limited disturbance.....	(h)
(h) more or less narrow range of ecological tolerance, tolerates limited disturbance.....	rank 6
(h) narrower range of ecological tolerance, does not tolerate disturbance.....	(i)
(i) somewhat narrow range of ecological tolerance.....	rank 7
(i) narrow range of ecological tolerance.....	rank 8
(g) high fidelity to a narrow range of habitat requirement, does not tolerate disturbance.....	(j)
(j) narrow range of ecological tolerance, relatively high fidelity to a narrow range of habitat requirement.....	rank 9
(j) very narrow range of ecological tolerance, very high fidelity to a very narrow range habitat requirement.....	rank 10

Appendix B

*2013 Montana Vascular Plant Checklist with the revised
2015 C-values and origins*

Table 4. The 2013 checklist of Montana vascular plants with the revised 2015 origins and C-values.

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Pinaceae	<i>Abies grandis</i>	Native	-
Pinaceae	<i>Abies lasiocarpa</i>	Native	-
Nyctaginaceae	<i>Abronia fragrans</i>	Native	-
Malvaceae	<i>Abutilon theophrasti</i>	Exotic	1
Aceraceae	<i>Acer glabrum</i>	Native	4
Aceraceae	<i>Acer negundo</i>	Native	2
Aceraceae	<i>Acer platanoides</i>	Exotic	1
Asteraceae	<i>Achillea millefolium</i>	Native	-
Asteraceae	<i>Achillea nobilis</i>	Exotic	1
Asteraceae	<i>Achillea ptarmica</i>	Exotic	1
Ranunculaceae	<i>Aconitum columbianum</i>	Native	5
Acoraceae	<i>Acorus americanus</i>	Native	9
Asteraceae	<i>Acroptilon repens</i>	Exotic	0
Ranunculaceae	<i>Actaea rubra</i>	Native	7
Asteraceae	<i>Adenocaulon bicolor</i>	Native	-
Pteridaceae	<i>Adiantum aleuticum</i>	Native	7
Ranunculaceae	<i>Adonis aestivalis</i>	Exotic	1
Adoxaceae	<i>Adoxa moschatellina</i>	Native	9
Poaceae	<i>Aegilops cylindrica</i>	Exotic	1
Lamiaceae	<i>Agastache cusickii</i>	Native	-
Lamiaceae	<i>Agastache foeniculum</i>	Native	-
Lamiaceae	<i>Agastache urticifolia</i>	Native	-
Asteraceae	<i>Ageratina occidentalis</i>	Native	-
Asteraceae	<i>Agoseris aurantiaca</i>	Native	5
Asteraceae	<i>Agoseris glauca</i>	Native	4
Asteraceae	<i>Agoseris glauca</i> var. <i>dasycephala</i>	Native	-
Asteraceae	<i>Agoseris glauca</i> var. <i>glauca</i>	Native	-
Asteraceae	<i>Agoseris grandiflora</i>	Native	-
Asteraceae	<i>Agoseris heterophylla</i>	Native	-
Asteraceae	<i>Agoseris lackschewitzii</i>	Native	6
Asteraceae	<i>Agoseris parviflora</i>	Native	-
Rosaceae	<i>Agrimonia gryposepala</i>	Native	-
Rosaceae	<i>Agrimonia striata</i>	Native	-
Poaceae	<i>Agropyron cristatum</i>	Exotic	0
Caryophyllaceae	<i>Agrostemma githago</i>	Exotic	1
Poaceae	<i>Agrostis capillaris</i>	Exotic	1
Poaceae	<i>Agrostis exarata</i>	Native	3
Poaceae	<i>Agrostis gigantea</i>	Exotic	0
Poaceae	<i>Agrostis humilis</i>	Native	8
Poaceae	<i>Agrostis idahoensis</i>	Native	4
Poaceae	<i>Agrostis mertensii</i>	Native	-
Poaceae	<i>Agrostis oregonensis</i>	Native	6
Poaceae	<i>Agrostis pallens</i>	Native	-
Poaceae	<i>Agrostis scabra</i>	Native	2
Poaceae	<i>Agrostis stolonifera</i>	Exotic	0
Poaceae	<i>Agrostis thurberiana</i>	Native	4
Poaceae	<i>Agrostis variabilis</i>	Native	4
Lamiaceae	<i>Ajuga reptans</i>	Exotic	1
Malvaceae	<i>Alcea rosea</i>	Exotic	1
Rosaceae	<i>Alchemilla xanthochlora</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Alismataceae	<i>Alisma gramineum</i>	Native	6
Alismataceae	<i>Alisma triviale</i>	Native	6
Liliaceae	<i>Allium acuminatum</i>	Native	-
Liliaceae	<i>Allium brandegeei</i>	Unknown / Undetermined	-
Liliaceae	<i>Allium brevistylum</i>	Native	6
Liliaceae	<i>Allium canadense</i>	Unknown / Undetermined	-
Liliaceae	<i>Allium cernuum</i>	Native	-
Liliaceae	<i>Allium columbianum</i>	Native	-
Liliaceae	<i>Allium fibrillum</i>	Native	-
Liliaceae	<i>Allium geyeri</i>	Native	-
Liliaceae	<i>Allium geyeri</i> var. <i>geyeri</i>	Native	-
Liliaceae	<i>Allium geyeri</i> var. <i>tenerum</i>	Native	-
Liliaceae	<i>Allium parvum</i>	Native	-
Liliaceae	<i>Allium schoenoprasum</i>	Native	6
Liliaceae	<i>Allium simillimum</i>	Native	-
Liliaceae	<i>Allium textile</i>	Native	-
Ericaceae	<i>Allotropa virgata</i>	Native	-
Asteraceae	<i>Almutaster pauciflorus</i>	Native	7
Betulaceae	<i>Alnus incana</i>	Native	6
Betulaceae	<i>Alnus rubra</i>	Native	-
Betulaceae	<i>Alnus viridis</i>	Native	6
Poaceae	<i>Alopecurus aequalis</i>	Native	4
Poaceae	<i>Alopecurus arundinaceus</i>	Exotic	0
Poaceae	<i>Alopecurus carolinianus</i>	Native	4
Poaceae	<i>Alopecurus geniculatus</i>	Exotic	1
Poaceae	<i>Alopecurus magellanicus</i>	Native	6
Poaceae	<i>Alopecurus pratensis</i>	Exotic	0
Brassicaceae	<i>Alyssum alyssoides</i>	Exotic	0
Brassicaceae	<i>Alyssum desertorum</i>	Exotic	0
Brassicaceae	<i>Alyssum simplex</i>	Exotic	0
Amaranthaceae	<i>Amaranthus albus</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Amaranthus arenicola</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Amaranthus blitoides</i>	Native	2
Amaranthaceae	<i>Amaranthus californicus</i>	Unknown / Undetermined	7
Amaranthaceae	<i>Amaranthus hybridus</i>	Exotic	1
Amaranthaceae	<i>Amaranthus powellii</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Amaranthus retroflexus</i>	Native	2
Amaranthaceae	<i>Amaranthus tuberculatus</i>	Exotic	1
Asteraceae	<i>Ambrosia acanthicarpa</i>	Native	-
Asteraceae	<i>Ambrosia artemisiifolia</i>	Native	-
Asteraceae	<i>Ambrosia psilostachya</i>	Native	3
Asteraceae	<i>Ambrosia tomentosa</i>	Native	-
Asteraceae	<i>Ambrosia trifida</i>	Native	2
Rosaceae	<i>Amelanchier alnifolia</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Rosaceae	<i>Amelanchier utahensis</i>	Native	-
Orchidaceae	<i>Amerorchis rotundifolia</i>	Native	10
Lythraceae	<i>Ammannia robusta</i>	Native	6
Fabaceae	<i>Amorpha canescens</i>	Native	-
Cyperaceae	<i>Amphiscirpus nevadensis</i>	Native	9
Boraginaceae	<i>Amsinckia lycopsoides</i>	Native	-
Boraginaceae	<i>Amsinckia menziesii</i>	Exotic	-
Myrsinaceae	<i>Anagallis arvensis</i>	Exotic	1
Asteraceae	<i>Anaphalis margaritacea</i>	Native	-
Boraginaceae	<i>Anchusa arvensis</i>	Exotic	1
Boraginaceae	<i>Anchusa azurea</i>	Exotic	1
Boraginaceae	<i>Anchusa officinalis</i>	Exotic	1
Poaceae	<i>Andropogon gerardii</i>	Native	-
Poaceae	<i>Andropogon hallii</i>	Native	-
Primulaceae	<i>Androsace chamaejasme</i>	Native	-
Primulaceae	<i>Androsace filiformis</i>	Native	2
Primulaceae	<i>Androsace occidentalis</i>	Native	-
Primulaceae	<i>Androsace septentrionalis</i>	Native	-
Ranunculaceae	<i>Anemone canadensis</i>	Native	4
Ranunculaceae	<i>Anemone cylindrica</i>	Native	-
Ranunculaceae	<i>Anemone drummondii</i> var. <i>lithophila</i>	Native	-
Ranunculaceae	<i>Anemone multifida</i>	Native	-
Ranunculaceae	<i>Anemone multifida</i> var. <i>multifida</i>	Native	-
Ranunculaceae	<i>Anemone multifida</i> var. <i>tetonensis</i>	Native	-
Ranunculaceae	<i>Anemone occidentalis</i>	Native	-
Ranunculaceae	<i>Anemone parviflora</i>	Native	6
Ranunculaceae	<i>Anemone patens</i>	Native	-
Ranunculaceae	<i>Anemone piperi</i>	Native	-
Apiaceae	<i>Angelica arguta</i>	Native	5
Apiaceae	<i>Angelica dawsonii</i>	Native	7
Apiaceae	<i>Angelica pinnata</i>	Native	4
Apiaceae	<i>Angelica roseana</i>	Native	-
Asteraceae	<i>Antennaria alpina</i>	Native	9
Asteraceae	<i>Antennaria anaphaloides</i>	Native	4
Asteraceae	<i>Antennaria aromatica</i>	Native	7
Asteraceae	<i>Antennaria corymbosa</i>	Native	6
Asteraceae	<i>Antennaria densifolia</i>	Native	9
Asteraceae	<i>Antennaria dimorpha</i>	Native	4
Asteraceae	<i>Antennaria howellii</i>	Native	4
Asteraceae	<i>Antennaria lanata</i>	Native	7
Asteraceae	<i>Antennaria luzuloides</i>	Native	4
Asteraceae	<i>Antennaria media</i>	Native	5
Asteraceae	<i>Antennaria microphylla</i>	Native	4
Asteraceae	<i>Antennaria monocephala</i>	Native	8
Asteraceae	<i>Antennaria neglecta</i>	Unknown / Undetermined	-
Asteraceae	<i>Antennaria parvifolia</i>	Native	4
Asteraceae	<i>Antennaria pulcherrima</i>	Native	7
Asteraceae	<i>Antennaria racemosa</i>	Native	4
Asteraceae	<i>Antennaria rosea</i>	Native	4

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Antennaria umbrinella</i>	Native	4
Asteraceae	<i>Anthemis arvensis</i>	Exotic	1
Asteraceae	<i>Anthemis cotula</i>	Exotic	1
Asteraceae	<i>Anthemis tinctoria</i>	Exotic	1
Poaceae	<i>Anthoxanthum hirtum</i>	Native	8
Poaceae	<i>Anthoxanthum odoratum</i>	Exotic	1
Apiaceae	<i>Anthriscus cerefolium</i>	Exotic	1
Poaceae	<i>Apera interrupta</i>	Exotic	1
Apocynaceae	<i>Apocynum androsaemifolium</i>	Native	-
Apocynaceae	<i>Apocynum cannabinum</i>	Native	4
Ranunculaceae	<i>Aquilegia brevistyla</i>	Native	-
Ranunculaceae	<i>Aquilegia coerulea</i>	Native	6
Ranunculaceae	<i>Aquilegia flavescens</i>	Native	-
Ranunculaceae	<i>Aquilegia formosa</i>	Native	6
Ranunculaceae	<i>Aquilegia jonesii</i>	Native	-
Brassicaceae	<i>Arabidopsis lyrata</i>	Native	-
Brassicaceae	<i>Arabidopsis thaliana</i>	Exotic	1
Brassicaceae	<i>Arabis hirsuta</i>	Native	-
Brassicaceae	<i>Arabis nuttallii</i>	Native	-
Araliaceae	<i>Aralia nudicaulis</i>	Native	-
Viscaceae	<i>Arceuthobium americanum</i>	Native	-
Viscaceae	<i>Arceuthobium campylopodum</i>	Native	-
Viscaceae	<i>Arceuthobium cyanocarpum</i>	Native	-
Viscaceae	<i>Arceuthobium douglasii</i>	Native	-
Viscaceae	<i>Arceuthobium laricis</i>	Native	-
Asteraceae	<i>Arctium lappa</i>	Exotic	0
Asteraceae	<i>Arctium minus</i>	Exotic	0
Ericaceae	<i>Arctostaphylos patula</i>	Native	-
Ericaceae	<i>Arctostaphylos uva-ursi</i>	Native	-
Caryophyllaceae	<i>Arenaria aculeata</i>	Native	-
Caryophyllaceae	<i>Arenaria capillaris</i>	Native	-
Caryophyllaceae	<i>Arenaria congesta</i>	Native	-
Caryophyllaceae	<i>Arenaria congesta</i> var. <i>cephaloidea</i>	Native	-
Caryophyllaceae	<i>Arenaria congesta</i> var. <i>congesta</i>	Native	-
Caryophyllaceae	<i>Arenaria congesta</i> var. <i>lithophila</i>	Native	-
Caryophyllaceae	<i>Arenaria hookeri</i>	Native	-
Caryophyllaceae	<i>Arenaria kingii</i>	Native	-
Caryophyllaceae	<i>Arenaria serpyllifolia</i>	Exotic	0
Papaveraceae	<i>Argemone polyanthemos</i>	Unknown / Undetermined	-
Rosaceae	<i>Argentina anserina</i>	Native	3
Poaceae	<i>Aristida purpurea</i>	Native	-
Asteraceae	<i>Arnica amplexicaulis</i>	Native	5
Asteraceae	<i>Arnica angustifolia</i>	Native	-
Asteraceae	<i>Arnica chamissonis</i>	Native	5
Asteraceae	<i>Arnica cordifolia</i>	Native	-
Asteraceae	<i>Arnica fulgens</i>	Native	-
Asteraceae	<i>Arnica latifolia</i>	Native	4
Asteraceae	<i>Arnica latifolia</i> var. <i>gracilis</i>	Native	-
Asteraceae	<i>Arnica latifolia</i> var. <i>latifolia</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Arnica longifolia</i>	Native	7
Asteraceae	<i>Arnica mollis</i>	Native	6
Asteraceae	<i>Arnica parryi</i>	Native	-
Asteraceae	<i>Arnica rydbergii</i>	Native	-
Asteraceae	<i>Arnica sororia</i>	Native	-
Asteraceae	<i>Arnica x diversifolia</i>	Native	5
Poaceae	<i>Arrhenatherum elatius</i>	Exotic	0
Asteraceae	<i>Artemisia absinthium</i>	Exotic	0
Asteraceae	<i>Artemisia annua</i>	Exotic	1
Asteraceae	<i>Artemisia arbuscula</i>	Native	-
Asteraceae	<i>Artemisia arbuscula</i> ssp. <i>arbuscula</i>	Native	-
Asteraceae	<i>Artemisia arbuscula</i> ssp. <i>longiloba</i>	Native	-
Asteraceae	<i>Artemisia biennis</i>	Native	2
Asteraceae	<i>Artemisia campestris</i>	Native	-
Asteraceae	<i>Artemisia campestris</i> ssp. <i>borealis</i>	Native	-
Asteraceae	<i>Artemisia campestris</i> ssp. <i>caudata</i>	Native	-
Asteraceae	<i>Artemisia campestris</i> ssp. <i>pacifica</i>	Native	-
Asteraceae	<i>Artemisia cana</i>	Native	4
Asteraceae	<i>Artemisia cana</i> ssp. <i>cana</i>	Native	-
Asteraceae	<i>Artemisia cana</i> ssp. <i>viscidula</i>	Native	-
Asteraceae	<i>Artemisia dracunculus</i>	Native	-
Asteraceae	<i>Artemisia frigida</i>	Native	-
Asteraceae	<i>Artemisia lindleyana</i>	Native	7
Asteraceae	<i>Artemisia longifolia</i>	Native	-
Asteraceae	<i>Artemisia ludoviciana</i>	Native	3
Asteraceae	<i>Artemisia ludoviciana</i> ssp. <i>candidans</i>	Native	-
Asteraceae	<i>Artemisia ludoviciana</i> ssp. <i>incompta</i>	Native	-
Asteraceae	<i>Artemisia ludoviciana</i> ssp. <i>ludoviciana</i>	Native	-
Asteraceae	<i>Artemisia michauxiana</i>	Native	-
Asteraceae	<i>Artemisia norvegica</i>	Native	-
Asteraceae	<i>Artemisia nova</i>	Native	-
Asteraceae	<i>Artemisia pedatifida</i>	Native	-
Asteraceae	<i>Artemisia porteri</i>	Unknown / Undetermined	-
Asteraceae	<i>Artemisia rigida</i>	Unknown / Undetermined	-
Asteraceae	<i>Artemisia scopulorum</i>	Native	-
Asteraceae	<i>Artemisia spinescens</i>	Native	-
Asteraceae	<i>Artemisia tilesii</i>	Native	-
Asteraceae	<i>Artemisia tridentata</i>	Native	-
Asteraceae	<i>Artemisia tridentata</i> ssp. <i>tridentata</i>	Native	5
Asteraceae	<i>Artemisia tridentata</i> ssp. <i>vaseyana</i>	Native	3
Asteraceae	<i>Artemisia tridentata</i> ssp. <i>wyomingensis</i>	Native	4
Asteraceae	<i>Artemisia tripartita</i>	Native	-
Asteraceae	<i>Artemisia tripartita</i> ssp. <i>rupicola</i>	Native	-
Asteraceae	<i>Artemisia tripartita</i> ssp. <i>tripartita</i>	Native	-
Aristolochiaceae	<i>Asarum caudatum</i>	Native	8
Asclepiadaceae	<i>Asclepias incarnata</i>	Native	6
Asclepiadaceae	<i>Asclepias ovalifolia</i>	Native	-
Asclepiadaceae	<i>Asclepias pumila</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asclepiadaceae	<i>Asclepias speciosa</i>	Native	0
Asclepiadaceae	<i>Asclepias stenophylla</i>	Native	-
Asclepiadaceae	<i>Asclepias verticillata</i>	Native	-
Asclepiadaceae	<i>Asclepias viridiflora</i>	Native	-
Liliaceae	<i>Asparagus officinalis</i>	Exotic	1
Boraginaceae	<i>Asperugo procumbens</i>	Exotic	0
Pteridaceae	<i>Aspidotis densa</i>	Native	-
Aspleniaceae	<i>Asplenium trichomanes</i>	Native	-
Aspleniaceae	<i>Asplenium trichomanes-ramosum</i>	Native	-
Fabaceae	<i>Astragalus adsurgens</i>	Native	-
Fabaceae	<i>Astragalus agrestis</i>	Native	3
Fabaceae	<i>Astragalus alpinus</i>	Native	4
Fabaceae	<i>Astragalus americanus</i>	Native	6
Fabaceae	<i>Astragalus aretioides</i>	Native	-
Fabaceae	<i>Astragalus argophyllum</i>	Native	6
Fabaceae	<i>Astragalus atropubescens</i>	Native	-
Fabaceae	<i>Astragalus australis</i>	Native	-
Fabaceae	<i>Astragalus barrii</i>	Native	-
Fabaceae	<i>Astragalus bisulcatus</i>	Native	-
Fabaceae	<i>Astragalus bourgovii</i>	Native	-
Fabaceae	<i>Astragalus canadensis</i>	Native	3
Fabaceae	<i>Astragalus canadensis</i> var. <i>brevidens</i>	Native	-
Fabaceae	<i>Astragalus canadensis</i> var. <i>canadensis</i>	Native	-
Fabaceae	<i>Astragalus canadensis</i> var. <i>mortonii</i>	Native	-
Fabaceae	<i>Astragalus ceramicus</i>	Native	-
Fabaceae	<i>Astragalus ceramicus</i> var. <i>apus</i>	Native	-
Fabaceae	<i>Astragalus ceramicus</i> var. <i>filifolius</i>	Native	-
Fabaceae	<i>Astragalus chamaeleuce</i>	Native	-
Fabaceae	<i>Astragalus cibarius</i>	Native	-
Fabaceae	<i>Astragalus cicer</i>	Exotic	1
Fabaceae	<i>Astragalus convallarius</i>	Native	-
Fabaceae	<i>Astragalus crassicarpus</i>	Native	-
Fabaceae	<i>Astragalus crassicarpus</i> var. <i>crassicarpus</i>	Native	-
Fabaceae	<i>Astragalus crassicarpus</i> var. <i>paysonii</i>	Native	-
Fabaceae	<i>Astragalus drummondii</i>	Native	-
Fabaceae	<i>Astragalus eucosmus</i>	Native	-
Fabaceae	<i>Astragalus falcatus</i>	Exotic	1
Fabaceae	<i>Astragalus flexuosus</i>	Native	-
Fabaceae	<i>Astragalus geyeri</i>	Native	-
Fabaceae	<i>Astragalus gilviflorus</i>	Native	-
Fabaceae	<i>Astragalus gracilis</i>	Native	-
Fabaceae	<i>Astragalus grayi</i>	Native	-
Fabaceae	<i>Astragalus hyalinus</i>	Native	-
Fabaceae	<i>Astragalus inflexus</i>	Native	-
Fabaceae	<i>Astragalus kentrophyta</i>	Native	-
Fabaceae	<i>Astragalus kentrophyta</i> var. <i>kentrophyta</i>	Native	-
Fabaceae	<i>Astragalus kentrophyta</i> var. <i>tegetarius</i>	Native	-
Fabaceae	<i>Astragalus lackschewitzii</i>	Native	-
Fabaceae	<i>Astragalus lentiginosus</i>	Native	-
Fabaceae	<i>Astragalus lentiginosus</i> var. <i>salinus</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Fabaceae	<i>Astragalus leptaleus</i>	Native	6
Fabaceae	<i>Astragalus lotiflorus</i>	Native	-
Fabaceae	<i>Astragalus microcystis</i>	Native	-
Fabaceae	<i>Astragalus miser</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>crispatus</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>decumbens</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>hylophilus</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>miser</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>praeteritus</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>serotinus</i>	Native	-
Fabaceae	<i>Astragalus missouriensis</i>	Native	-
Fabaceae	<i>Astragalus oreganus</i>	Native	-
Fabaceae	<i>Astragalus pectinatus</i>	Native	-
Fabaceae	<i>Astragalus plattensis</i>	Native	-
Fabaceae	<i>Astragalus platytropis</i>	Native	-
Fabaceae	<i>Astragalus purshii</i>	Native	-
Fabaceae	<i>Astragalus purshii</i> var. <i>concinus</i>	Native	-
Fabaceae	<i>Astragalus purshii</i> var. <i>purshii</i>	Native	-
Fabaceae	<i>Astragalus racemosus</i>	Native	-
Fabaceae	<i>Astragalus robbinsii</i>	Native	5
Fabaceae	<i>Astragalus scaphoides</i>	Native	-
Fabaceae	<i>Astragalus shortianus</i>	Native	-
Fabaceae	<i>Astragalus spatulatus</i>	Native	-
Fabaceae	<i>Astragalus tenellus</i>	Native	-
Fabaceae	<i>Astragalus terminalis</i>	Native	-
Fabaceae	<i>Astragalus vexilliflexus</i>	Native	-
Dryopteridaceae	<i>Athyrium alpestre</i>	Native	7
Dryopteridaceae	<i>Athyrium filix-femina</i>	Native	5
Brassicaceae	<i>Athysanus pusillus</i>	Native	-
Amaranthaceae	<i>Atriplex argentea</i>	Native	3
Amaranthaceae	<i>Atriplex canescens</i>	Native	-
Amaranthaceae	<i>Atriplex confertifolia</i>	Native	-
Amaranthaceae	<i>Atriplex dioica</i>	Native	3
Amaranthaceae	<i>Atriplex gardneri</i>	Native	-
Amaranthaceae	<i>Atriplex heterosperma</i>	Exotic	0
Amaranthaceae	<i>Atriplex hortensis</i>	Exotic	1
Amaranthaceae	<i>Atriplex patula</i>	Unknown / Undetermined	0
Amaranthaceae	<i>Atriplex powellii</i>	Native	-
Amaranthaceae	<i>Atriplex prostrata</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Atriplex rosea</i>	Exotic	1
Amaranthaceae	<i>Atriplex suckleyi</i>	Native	-
Amaranthaceae	<i>Atriplex truncata</i>	Native	5
Poaceae	<i>Avena barbata</i>	Exotic	0
Poaceae	<i>Avena fatua</i>	Exotic	1
Poaceae	<i>Avena sativa</i>	Exotic	1
Amaranthaceae	<i>Axyris amaranthoides</i>	Exotic	1
Azollaceae	<i>Azolla filiculoides</i>	Unknown / Undetermined	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Plantaginaceae	<i>Bacopa rotundifolia</i>	Native	7
Asteraceae	<i>Balsamorhiza hookeri</i>	Native	-
Asteraceae	<i>Balsamorhiza incana</i>	Native	-
Asteraceae	<i>Balsamorhiza macrophylla</i>	Native	-
Asteraceae	<i>Balsamorhiza sagittata</i>	Native	-
Brassicaceae	<i>Barbarea orthoceras</i>	Native	4
Brassicaceae	<i>Barbarea vulgaris</i>	Exotic	1
Amaranthaceae	<i>Bassia hyssopifolia</i>	Exotic	1
Poaceae	<i>Beckmannia syzigachne</i>	Native	4
Asteraceae	<i>Bellis perennis</i>	Exotic	1
Berberidaceae	<i>Berberis aquifolium</i>	Native	-
Berberidaceae	<i>Berberis nervosa</i>	Native	-
Berberidaceae	<i>Berberis repens</i>	Native	-
Berberidaceae	<i>Berberis vulgaris</i>	Exotic	1
Brassicaceae	<i>Berteroa incana</i>	Exotic	0
Apiaceae	<i>Berula erecta</i>	Native	7
Plantaginaceae	<i>Besseyea rubra</i>	Native	-
Plantaginaceae	<i>Besseyea wyomingensis</i>	Native	-
Betulaceae	<i>Betula glandulosa</i>	Native	8
Betulaceae	<i>Betula occidentalis</i>	Native	5
Betulaceae	<i>Betula papyrifera</i>	Native	3
Betulaceae	<i>Betula pumila</i>	Native	6
Betulaceae	<i>Betula x sargentii</i>	Native	-
Betulaceae	<i>Betula x utahensis</i>	Native	-
Asteraceae	<i>Bidens beckii</i>	Native	8
Asteraceae	<i>Bidens cernua</i>	Native	4
Asteraceae	<i>Bidens comosa</i>	Native	6
Asteraceae	<i>Bidens frondosa</i>	Native	6
Asteraceae	<i>Bidens vulgata</i>	Native	6
Brassicaceae	<i>Boechera calderi</i>	Native	-
Brassicaceae	<i>Boechera collinsii</i>	Native	-
Brassicaceae	<i>Boechera demissa</i>	Native	-
Brassicaceae	<i>Boechera divaricarpa</i>	Native	-
Brassicaceae	<i>Boechera fecunda</i>	Native	-
Brassicaceae	<i>Boechera grahamii</i>	Native	-
Brassicaceae	<i>Boechera lemmontii</i>	Native	-
Brassicaceae	<i>Boechera lyallii</i>	Native	-
Brassicaceae	<i>Boechera microphylla</i>	Native	-
Brassicaceae	<i>Boechera microphylla</i> var. <i>macounii</i>	Native	-
Brassicaceae	<i>Boechera microphylla</i> var. <i>microphylla</i>	Native	-
Brassicaceae	<i>Boechera pauciflora</i>	Native	-
Brassicaceae	<i>Boechera pendulocarpa</i>	Native	-
Brassicaceae	<i>Boechera polyantha</i>	Native	-
Brassicaceae	<i>Boechera retrofracta</i>	Native	-
Brassicaceae	<i>Boechera saximontana</i>	Native	-
Brassicaceae	<i>Boechera sparsiflora</i>	Native	-
Brassicaceae	<i>Boechera stricta</i>	Native	-
Cyperaceae	<i>Bolboschoenus fluviatilis</i>	Native	-
Cyperaceae	<i>Bolboschoenus maritimus</i>	Native	6
Boraginaceae	<i>Borago officinalis</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Poaceae	<i>Bothriochloa ischaemum</i>	Exotic	1
Ophioglossaceae	<i>Botrychium adnatum</i>	Native	-
Ophioglossaceae	<i>Botrychium ascendens</i>	Native	4
Ophioglossaceae	<i>Botrychium campestre</i>	Native	-
Ophioglossaceae	<i>Botrychium crenulatum</i>	Native	4
Ophioglossaceae	<i>Botrychium gallicomontanum</i>	Native	-
Ophioglossaceae	<i>Botrychium hesperium</i>	Native	-
Ophioglossaceae	<i>Botrychium lanceolatum</i>	Native	6
Ophioglossaceae	<i>Botrychium lineare</i>	Native	-
Ophioglossaceae	<i>Botrychium lunaria</i>	Native	4
Ophioglossaceae	<i>Botrychium michiganense</i>	Native	-
Ophioglossaceae	<i>Botrychium minganense</i>	Native	-
Ophioglossaceae	<i>Botrychium montanum</i>	Native	-
Ophioglossaceae	<i>Botrychium multifidum</i>	Native	8
Ophioglossaceae	<i>Botrychium pallidum</i>	Native	-
Ophioglossaceae	<i>Botrychium paradoxum</i>	Native	-
Ophioglossaceae	<i>Botrychium pedunculosum</i>	Native	-
Ophioglossaceae	<i>Botrychium pinnatum</i>	Native	7
Ophioglossaceae	<i>Botrychium simplex</i>	Native	6
Ophioglossaceae	<i>Botrychium spathulatum</i>	Native	-
Ophioglossaceae	<i>Botrychium tunux</i>	Native	-
Ophioglossaceae	<i>Botrychium virginianum</i>	Native	4
Ophioglossaceae	<i>Botrychium x watertonense</i>	Native	-
Ophioglossaceae	<i>Botrychium yaaxudakeit</i>	Native	-
Poaceae	<i>Bouteloua barbata</i>	Native	-
Poaceae	<i>Bouteloua curtipendula</i>	Native	-
Poaceae	<i>Bouteloua gracilis</i>	Native	-
Saxifragaceae	<i>Boykinia major</i>	Native	7
Cabombaceae	<i>Brasenia schreberi</i>	Native	9
Brassicaceae	<i>Brassica juncea</i>	Exotic	1
Brassicaceae	<i>Brassica nigra</i>	Exotic	1
Brassicaceae	<i>Brassica rapa</i>	Exotic	1
Brassicaceae	<i>Braya humilis</i>	Native	-
Asteraceae	<i>Brickellia eupatorioides</i>	Native	-
Asteraceae	<i>Brickellia grandiflora</i>	Native	-
Asteraceae	<i>Brickellia oblongifolia</i>	Native	-
Poaceae	<i>Bromus arvensis</i>	Exotic	1
Poaceae	<i>Bromus berterianus</i>	Exotic	1
Poaceae	<i>Bromus briziformis</i>	Exotic	1
Poaceae	<i>Bromus carinatus</i>	Native	5
Poaceae	<i>Bromus ciliatus</i>	Native	6
Poaceae	<i>Bromus commutatus</i>	Exotic	1
Poaceae	<i>Bromus diandrus</i>	Exotic	0
Poaceae	<i>Bromus hordeaceus</i>	Exotic	1
Poaceae	<i>Bromus inermis</i>	Exotic/Native	-
Poaceae	<i>Bromus inermis</i> ssp. <i>imermis</i>	Exotic	0
Poaceae	<i>Bromus inermis</i> ssp. <i>pumellianus</i>	Native	-
Poaceae	<i>Bromus japonicus</i>	Exotic	0
Poaceae	<i>Bromus latiglumis</i>	Unknown / Undetermined	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Poaceae	<i>Bromus polyanthus</i>	Unknown / Undetermined	-
Poaceae	<i>Bromus porteri</i>	Native	-
Poaceae	<i>Bromus racemosus</i>	Exotic	1
Poaceae	<i>Bromus richardsonii</i>	Native	-
Poaceae	<i>Bromus secalinus</i>	Exotic	1
Poaceae	<i>Bromus squarrosus</i>	Exotic	1
Poaceae	<i>Bromus tectorum</i>	Exotic	0
Poaceae	<i>Bromus vulgaris</i>	Native	-
Cucurbitaceae	<i>Bryonia alba</i>	Exotic	1
Poaceae	<i>Buchloe dactyloides</i>	Native	-
Cyperaceae	<i>Bulbostylis capillaris</i>	Native	-
Apiaceae	<i>Bupleurum americanum</i>	Native	-
Butomaceae	<i>Butomus umbellatus</i>	Exotic	0
Poaceae	<i>Calamagrostis canadensis</i>	Native	5
Poaceae	<i>Calamagrostis koelerioides</i>	Native	-
Poaceae	<i>Calamagrostis montanensis</i>	Native	-
Poaceae	<i>Calamagrostis purpurascens</i>	Native	-
Poaceae	<i>Calamagrostis rubescens</i>	Native	-
Poaceae	<i>Calamagrostis scopulorum</i>	Native	-
Poaceae	<i>Calamagrostis stricta</i>	Native	6
Poaceae	<i>Calamagrostis tweedyi</i>	Native	-
Poaceae	<i>Calamovilfa longifolia</i>	Native	-
Callitrichaceae	<i>Callitricha hermaphroditica</i>	Native	6
Callitrichaceae	<i>Callitricha heterophylla</i>	Native	3
Callitrichaceae	<i>Callitricha palustris</i>	Native	6
Callitrichaceae	<i>Callitricha stagnalis</i>	Exotic	1
Liliaceae	<i>Calochortus apiculatus</i>	Native	-
Liliaceae	<i>Calochortus bruneaunis</i>	Native	-
Liliaceae	<i>Calochortus elegans</i>	Native	-
Liliaceae	<i>Calochortus eurycarpus</i>	Native	-
Liliaceae	<i>Calochortus gunnisonii</i>	Native	-
Liliaceae	<i>Calochortus macrocarpus</i>	Native	-
Liliaceae	<i>Calochortus nuttallii</i>	Native	-
Ranunculaceae	<i>Caltha leptosepala</i>	Native	7
Onagraceae	<i>Calylophus serrulatus</i>	Native	-
Orchidaceae	<i>Calypso bulbosa</i>	Native	6
Orchidaceae	<i>Calypso bulbosa</i> var. <i>americana</i>	Native	-
Orchidaceae	<i>Calypso bulbosa</i> var. <i>occidentalis</i>	Native	-
Convolvulaceae	<i>Calystegia macounii</i>	Unknown / Undetermined	-
Convolvulaceae	<i>Calystegia sepium</i>	Exotic	1
Liliaceae	<i>Camassia quamash</i>	Native	6
Brassicaceae	<i>Camelina microcarpa</i>	Exotic	0
Brassicaceae	<i>Camelina sativa</i>	Exotic	1
Onagraceae	<i>Camissonia andina</i>	Native	-
Onagraceae	<i>Camissonia breviflora</i>	Native	5
Onagraceae	<i>Camissonia minor</i>	Native	-
Onagraceae	<i>Camissonia parvula</i>	Native	-
Onagraceae	<i>Camissonia scapoidea</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Onagraceae	<i>Camissonia subacaulis</i>	Native	5
Onagraceae	<i>Camissonia tanacetifolia</i>	Unknown / Undetermined	-
Campanulaceae	<i>Campanula glomerata</i>	Exotic	0
Campanulaceae	<i>Campanula medium</i>	Exotic	1
Campanulaceae	<i>Campanula parryi</i>	Native	7
Campanulaceae	<i>Campanula rapunculoides</i>	Exotic	0
Campanulaceae	<i>Campanula rotundifolia</i>	Native	3
Campanulaceae	<i>Campanula scabrella</i>	Native	-
Campanulaceae	<i>Campanula uniflora</i>	Native	9
Asteraceae	<i>Canadanthus modestus</i>	Native	6
Cannabaceae	<i>Cannabis sativa</i>	Exotic	1
Brassicaceae	<i>Capsella bursa-pastoris</i>	Exotic	0
Fabaceae	<i>Caragana arborescens</i>	Exotic	1
Brassicaceae	<i>Cardamine breweri</i>	Native	7
Brassicaceae	<i>Cardamine oligosperma</i>	Native	3
Brassicaceae	<i>Cardamine oligosperma var. kamtschatica</i>	Native	-
Brassicaceae	<i>Cardamine oligosperma var. oligosperma</i>	Native	-
Brassicaceae	<i>Cardamine pensylvanica</i>	Native	3
Brassicaceae	<i>Cardamine rupicola</i>	Native	-
Asteraceae	<i>Carduus acanthoides</i>	Exotic	0
Asteraceae	<i>Carduus nutans</i>	Exotic	0
Cyperaceae	<i>Carex albonigra</i>	Native	5
Cyperaceae	<i>Carex amplifolia</i>	Native	5
Cyperaceae	<i>Carex angustata</i>	Unknown / Undetermined	-
Cyperaceae	<i>Carex aperta</i>	Native	6
Cyperaceae	<i>Carex aquatilis</i>	Native	5
Cyperaceae	<i>Carex aquatilis var. aquatilis</i>	Native	-
Cyperaceae	<i>Carex aquatilis var. dives</i>	Native	-
Cyperaceae	<i>Carex arcta</i>	Native	6
Cyperaceae	<i>Carex atherodes</i>	Native	5
Cyperaceae	<i>Carex athrostachya</i>	Native	4
Cyperaceae	<i>Carex atrosquama</i>	Native	5
Cyperaceae	<i>Carex aurea</i>	Native	6
Cyperaceae	<i>Carex backii</i>	Native	-
Cyperaceae	<i>Carex bebbii</i>	Native	7
Cyperaceae	<i>Carex bolanderi</i>	Native	6
Cyperaceae	<i>Carex brevior</i>	Native	4
Cyperaceae	<i>Carex brunnescens</i>	Native	8
Cyperaceae	<i>Carex buxbaumii</i>	Native	8
Cyperaceae	<i>Carex canescens</i>	Native	8
Cyperaceae	<i>Carex capillaris</i>	Native	8
Cyperaceae	<i>Carex capitata</i>	Native	7
Cyperaceae	<i>Carex chalciolepis</i>	Native	7
Cyperaceae	<i>Carex chordorrhiza</i>	Native	9
Cyperaceae	<i>Carex comosa</i>	Native	7
Cyperaceae	<i>Carex concinna</i>	Native	7
Cyperaceae	<i>Carex concinnoides</i>	Native	-
Cyperaceae	<i>Carex cordillerana</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Cyperaceae	<i>Carex crawei</i>	Native	6
Cyperaceae	<i>Carex crawfordii</i>	Native	5
Cyperaceae	<i>Carex cusickii</i>	Native	7
Cyperaceae	<i>Carex deweyana</i>	Native	6
Cyperaceae	<i>Carex diandra</i>	Native	8
Cyperaceae	<i>Carex diluta</i>	Exotic	1
Cyperaceae	<i>Carex disperma</i>	Native	6
Cyperaceae	<i>Carex douglasii</i>	Native	3
Cyperaceae	<i>Carex duriuscula</i>	Native	-
Cyperaceae	<i>Carex eburnea</i>	Native	-
Cyperaceae	<i>Carex echinata</i>	Native	8
Cyperaceae	<i>Carex elynoides</i>	Native	6
Cyperaceae	<i>Carex engelmannii</i>	Native	-
Cyperaceae	<i>Carex epapillosa</i>	Native	5
Cyperaceae	<i>Carex filifolia</i>	Native	-
Cyperaceae	<i>Carex flava</i>	Native	7
Cyperaceae	<i>Carex foenea</i>	Native	-
Cyperaceae	<i>Carex fuliginosa</i>	Native	5
Cyperaceae	<i>Carex geyeri</i>	Native	-
Cyperaceae	<i>Carex glacialis</i>	Native	-
Cyperaceae	<i>Carex gravida</i>	Native	6
Cyperaceae	<i>Carex gynocrates</i>	Native	9
Cyperaceae	<i>Carex hallii</i>	Unknown / Undetermined	-
Cyperaceae	<i>Carex haydeniana</i>	Native	6
Cyperaceae	<i>Carex hoodii</i>	Native	4
Cyperaceae	<i>Carex hystericina</i>	Native	5
Cyperaceae	<i>Carex idahoana</i>	Native	7
Cyperaceae	<i>Carex illota</i>	Native	7
Cyperaceae	<i>Carex incurviformis</i>	Native	9
Cyperaceae	<i>Carex inops</i>	Native	-
Cyperaceae	<i>Carex interior</i>	Native	8
Cyperaceae	<i>Carex jonesii</i>	Unknown / Undetermined	-
Cyperaceae	<i>Carex kelloggii</i>	Native	5
Cyperaceae	<i>Carex lachenalii</i>	Native	9
Cyperaceae	<i>Carex lacustris</i>	Native	9
Cyperaceae	<i>Carex laeviconica</i>	Native	5
Cyperaceae	<i>Carex laeviculmis</i>	Native	6
Cyperaceae	<i>Carex lasiocarpa</i>	Native	7
Cyperaceae	<i>Carex leporinella</i>	Native	5
Cyperaceae	<i>Carex leptalea</i>	Native	8
Cyperaceae	<i>Carex leptopoda</i>	Native	6
Cyperaceae	<i>Carex limosa</i>	Native	9
Cyperaceae	<i>Carex livida</i>	Native	9
Cyperaceae	<i>Carex luzulina</i>	Native	7
Cyperaceae	<i>Carex luzulina</i> var. <i>ablatea</i>	Native	-
Cyperaceae	<i>Carex luzulina</i> var. <i>atropurpurea</i>	Native	-
Cyperaceae	<i>Carex macloviana</i>	Native	5
Cyperaceae	<i>Carex magellanica</i>	Native	10
Cyperaceae	<i>Carex media</i>	Native	8
Cyperaceae	<i>Carex mertensii</i>	Native	3

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Cyperaceae	<i>Carex microglochin</i>	Unknown / Undetermined	-
Cyperaceae	<i>Carex microptera</i>	Native	3
Cyperaceae	<i>Carex multicostata</i>	Native	-
Cyperaceae	<i>Carex nardina</i>	Native	-
Cyperaceae	<i>Carex nebrascensis</i>	Native	3
Cyperaceae	<i>Carex nelsonii</i>	Native	7
Cyperaceae	<i>Carex neurophora</i>	Native	7
Cyperaceae	<i>Carex nigricans</i>	Native	7
Cyperaceae	<i>Carex norvegica</i>	Native	-
Cyperaceae	<i>Carex obtusata</i>	Native	-
Cyperaceae	<i>Carex occidentalis</i>	Native	-
Cyperaceae	<i>Carex pachystachya</i>	Native	7
Cyperaceae	<i>Carex pallescens</i>	Unknown / Undetermined	-
Cyperaceae	<i>Carex parryana</i>	Native	5
Cyperaceae	<i>Carex paysonis</i>	Native	-
Cyperaceae	<i>Carex pellita</i>	Native	4
Cyperaceae	<i>Carex pelocarpa</i>	Native	7
Cyperaceae	<i>Carex petasata</i>	Native	4
Cyperaceae	<i>Carex petricosa</i>	Native	-
Cyperaceae	<i>Carex phaeocephala</i>	Native	-
Cyperaceae	<i>Carex plectocarpa</i>	Native	-
Cyperaceae	<i>Carex podocarpa</i>	Native	7
Cyperaceae	<i>Carex praceptorum</i>	Native	7
Cyperaceae	<i>Carex praegracilis</i>	Native	4
Cyperaceae	<i>Carex prairea</i>	Native	9
Cyperaceae	<i>Carex praticola</i>	Native	4
Cyperaceae	<i>Carex preslii</i>	Native	-
Cyperaceae	<i>Carex pyrenaica</i>	Native	7
Cyperaceae	<i>Carex raynoldsii</i>	Native	-
Cyperaceae	<i>Carex retrorsa</i>	Native	7
Cyperaceae	<i>Carex rossii</i>	Native	-
Cyperaceae	<i>Carex rostrata</i>	Native	9
Cyperaceae	<i>Carex rupestris</i>	Native	-
Cyperaceae	<i>Carex sartwellii</i>	Native	7
Cyperaceae	<i>Carex saxatilis</i>	Native	8
Cyperaceae	<i>Carex saximontana</i>	Native	-
Cyperaceae	<i>Carex scirpoidea</i>	Native	4
Cyperaceae	<i>Carex scirpoidea</i> ssp. <i>pseudoscirpoidea</i>	Native	-
Cyperaceae	<i>Carex scirpoidea</i> ssp. <i>scirpoidea</i>	Native	-
Cyperaceae	<i>Carex scirpoidea</i> ssp. <i>stenochlæna</i>	Native	-
Cyperaceae	<i>Carex scoparia</i>	Native	7
Cyperaceae	<i>Carex scopolorum</i>	Native	8
Cyperaceae	<i>Carex scopolorum</i> var. <i>bracteosa</i>	Native	-
Cyperaceae	<i>Carex scopolorum</i> var. <i>prionophylla</i>	Native	-
Cyperaceae	<i>Carex siccata</i>	Native	7
Cyperaceae	<i>Carex simulata</i>	Native	8
Cyperaceae	<i>Carex spectabilis</i>	Native	7
Cyperaceae	<i>Carex sprengelii</i>	Native	8
Cyperaceae	<i>Carex stenoptila</i>	Native	-
Cyperaceae	<i>Carex stevenii</i>	Native	8

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Cyperaceae	<i>Carex stipata</i>	Native	4
Cyperaceae	<i>Carex straminiformis</i>	Unknown / Undetermined	-
Cyperaceae	<i>Carex sychnocephala</i>	Native	8
Cyperaceae	<i>Carex tahoensis</i>	Native	-
Cyperaceae	<i>Carex tenera</i>	Native	6
Cyperaceae	<i>Carex tenuiflora</i>	Native	10
Cyperaceae	<i>Carex torreyi</i>	Native	9
Cyperaceae	<i>Carex utriculata</i>	Native	3
Cyperaceae	<i>Carex vaginata</i>	Native	-
Cyperaceae	<i>Carex vallicola</i>	Native	4
Cyperaceae	<i>Carex vesicaria</i>	Native	5
Cyperaceae	<i>Carex viridula</i>	Native	8
Cyperaceae	<i>Carex vulpinoidea</i>	Native	6
Cyperaceae	<i>Carex xerantica</i>	Unknown / Undetermined	-
Apiaceae	<i>Carum carvi</i>	Exotic	0
Ericaceae	<i>Cassiope mertensiana</i>	Native	-
Ericaceae	<i>Cassiope tetragona</i>	Native	-
Orobanchaceae	<i>Castilleja angustifolia</i>	Native	-
Orobanchaceae	<i>Castilleja cervina</i>	Native	-
Orobanchaceae	<i>Castilleja covilleana</i>	Native	-
Orobanchaceae	<i>Castilleja crista-galli</i>	Native	-
Orobanchaceae	<i>Castilleja cusickii</i>	Native	-
Orobanchaceae	<i>Castilleja exilis</i>	Native	3
Orobanchaceae	<i>Castilleja flava</i>	Native	-
Orobanchaceae	<i>Castilleja flava</i> var. <i>flava</i>	Native	-
Orobanchaceae	<i>Castilleja flava</i> var. <i>rustica</i>	Native	-
Orobanchaceae	<i>Castilleja gracillima</i>	Native	7
Orobanchaceae	<i>Castilleja hispida</i>	Native	-
Orobanchaceae	<i>Castilleja kerryana</i>	Native	-
Orobanchaceae	<i>Castilleja linariifolia</i>	Native	-
Orobanchaceae	<i>Castilleja lutescens</i>	Native	-
Orobanchaceae	<i>Castilleja miniata</i>	Native	4
Orobanchaceae	<i>Castilleja nivea</i>	Native	-
Orobanchaceae	<i>Castilleja occidentalis</i>	Native	7
Orobanchaceae	<i>Castilleja pallescens</i>	Native	-
Orobanchaceae	<i>Castilleja pilosa</i>	Native	-
Orobanchaceae	<i>Castilleja pilosa</i> var. <i>longispica</i>	Native	-
Orobanchaceae	<i>Castilleja pulchella</i>	Native	-
Orobanchaceae	<i>Castilleja rhexiifolia</i>	Native	7
Orobanchaceae	<i>Castilleja sessiliflora</i>	Native	-
Orobanchaceae	<i>Castilleja sulphurea</i>	Native	7
Poaceae	<i>Catabrosa aquatica</i>	Native	3
Rhamnaceae	<i>Ceanothus herbaceus</i>	Native	-
Rhamnaceae	<i>Ceanothus sanguineus</i>	Native	-
Rhamnaceae	<i>Ceanothus velutinus</i>	Native	-
Celastraceae	<i>Celastrus scandens</i>	Native	-
Ulmaceae	<i>Celtis occidentalis</i>	Unknown / Undetermined	-
Poaceae	<i>Cenchrus longispinus</i>	Exotic	0
Asteraceae	<i>Centaurea cyanus</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Centaurea diffusa</i>	Exotic	0
Asteraceae	<i>Centaurea jacea</i>	Exotic	0
Asteraceae	<i>Centaurea montana</i>	Exotic	0
Asteraceae	<i>Centaurea nigra</i>	Exotic	0
Asteraceae	<i>Centaurea scabiosa</i>	Exotic	1
Asteraceae	<i>Centaurea solstitialis</i>	Exotic	0
Asteraceae	<i>Centaurea stoebe</i>	Exotic	0
Asteraceae	<i>Centaurea virgata</i>	Exotic	1
Gentianaceae	<i>Centaurium exaltatum</i>	Native	-
Myrsinaceae	<i>Centunculus minimus</i>	Native	-
Caryophyllaceae	<i>Cerastium arvense</i>	Native	-
Caryophyllaceae	<i>Cerastium beeringianum</i>	Native	4
Caryophyllaceae	<i>Cerastium brachypodium</i>	Native	4
Caryophyllaceae	<i>Cerastium dichotomum</i>	Exotic	1
Caryophyllaceae	<i>Cerastium fontanum</i>	Exotic	0
Caryophyllaceae	<i>Cerastium glomeratum</i>	Exotic	1
Caryophyllaceae	<i>Cerastium nutans</i>	Native	4
Caryophyllaceae	<i>Cerastium tomentosum</i>	Exotic	1
Ceratophyllaceae	<i>Ceratophyllum demersum</i>	Native	3
Rosaceae	<i>Cercocarpus ledifolius</i>	Native	-
Rosaceae	<i>Cercocarpus montanus</i>	Native	-
Asteraceae	<i>Chaenactis douglasii</i>	Native	-
Asteraceae	<i>Chaenactis douglasii</i> var. <i>alpina</i>	Native	-
Asteraceae	<i>Chaenactis douglasii</i> var. <i>douglasii</i>	Native	-
Plantaginaceae	<i>Chaenorhinum minus</i>	Exotic	1
Rosaceae	<i>Chamaerhodos erecta</i>	Unknown / Undetermined	-
Onagraceae	<i>Chamerion angustifolium</i>	Native	1
Onagraceae	<i>Chamerion latifolium</i>	Unknown / Undetermined	-
Pteridaceae	<i>Cheilanthes feei</i>	Native	-
Pteridaceae	<i>Cheilanthes gracillima</i>	Native	-
Papaveraceae	<i>Chelidonium majus</i>	Exotic	1
Amaranthaceae	<i>Chenopodium album</i>	Exotic	0
Amaranthaceae	<i>Chenopodium atrovirens</i>	Native	-
Amaranthaceae	<i>Chenopodium berlandieri</i>	Native	-
Amaranthaceae	<i>Chenopodium botrys</i>	Exotic	1
Amaranthaceae	<i>Chenopodium capitatum</i>	Native	-
Amaranthaceae	<i>Chenopodium capitatum</i> var. <i>capitatum</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Chenopodium capitatum</i> var. <i>parvicapitatum</i>	Native	-
Amaranthaceae	<i>Chenopodium chenopodioides</i>	Native	3
Amaranthaceae	<i>Chenopodium desiccatum</i>	Native	-
Amaranthaceae	<i>Chenopodium fremontii</i>	Native	-
Amaranthaceae	<i>Chenopodium glaucum</i>	Native	4
Amaranthaceae	<i>Chenopodium glaucum</i> var. <i>glaucum</i>	Exotic	1
Amaranthaceae	<i>Chenopodium glaucum</i> var. <i>salinum</i>	Native	4
Amaranthaceae	<i>Chenopodium incanum</i>	Native	-
Amaranthaceae	<i>Chenopodium leptophyllum</i>	Native	-
Amaranthaceae	<i>Chenopodium murale</i>	Exotic	0
Amaranthaceae	<i>Chenopodium pratericola</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Amaranthaceae	<i>Chenopodium rubrum</i>	Native	3
Amaranthaceae	<i>Chenopodium rubrum</i> var. <i>humile</i>	Exotic	1
Amaranthaceae	<i>Chenopodium rubrum</i> var. <i>rubrum</i>	Native	3
Amaranthaceae	<i>Chenopodium simplex</i>	Native	-
Amaranthaceae	<i>Chenopodium standleyanum</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Chenopodium subglabrum</i>	Native	-
Amaranthaceae	<i>Chenopodium watsonii</i>	Unknown / Undetermined	-
Ericaceae	<i>Chimaphila menziesii</i>	Native	-
Ericaceae	<i>Chimaphila umbellata</i>	Native	-
Plantaginaceae	<i>Chionophila tweedyi</i>	Native	-
Asteraceae	<i>Chondrilla juncea</i>	Exotic	0
Brassicaceae	<i>Chorispora tenella</i>	Exotic	0
Saxifragaceae	<i>Chrysosplenium tetrandrum</i>	Native	4
Asteraceae	<i>Chrysothamnus viscidiflorus</i>	Native	-
Asteraceae	<i>Chrysothamnus viscidiflorus</i> ssp. <i>lanceolatus</i>	Native	-
Asteraceae	<i>Chrysothamnus viscidiflorus</i> ssp. <i>viscidiflorus</i>	Native	-
Asteraceae	<i>Cichorium intybus</i>	Exotic	1
Apiaceae	<i>Cicuta bulbifera</i>	Native	7
Apiaceae	<i>Cicuta douglasii</i>	Native	4
Apiaceae	<i>Cicuta maculata</i>	Native	3
Poaceae	<i>Cinna arundinacea</i>	Native	-
Poaceae	<i>Cinna latifolia</i>	Native	5
Onagraceae	<i>Circaeа alpina</i>	Native	5
Onagraceae	<i>Circaeа alpina</i> ssp. <i>alpina</i>	Native	-
Onagraceae	<i>Circaeа alpina</i> ssp. <i>pacifica</i>	Native	-
Asteraceae	<i>Cirsium arvense</i>	Exotic	0
Asteraceae	<i>Cirsium brevistylum</i>	Native	-
Asteraceae	<i>Cirsium canescens</i>	Native	-
Asteraceae	<i>Cirsium canovirens</i>	Native	-
Asteraceae	<i>Cirsium eatonii</i>	Native	-
Asteraceae	<i>Cirsium flodmanii</i>	Native	3
Asteraceae	<i>Cirsium foliosum</i>	Unknown / Undetermined	-
Asteraceae	<i>Cirsium hookerianum</i>	Native	-
Asteraceae	<i>Cirsium longistylum</i>	Native	-
Asteraceae	<i>Cirsium pulcherrimum</i>	Native	-
Asteraceae	<i>Cirsium scariosum</i>	Native	5
Asteraceae	<i>Cirsium undulatum</i>	Native	4
Asteraceae	<i>Cirsium vulgare</i>	Exotic	0
Portulacaceae	<i>Cistanthe umbellata</i>	Native	-
Onagraceae	<i>Clarkia pulchella</i>	Native	-
Onagraceae	<i>Clarkia rhomboidea</i>	Native	-
Portulacaceae	<i>Claytonia arenicola</i>	Native	-
Portulacaceae	<i>Claytonia cordifolia</i>	Native	5
Portulacaceae	<i>Claytonia lanceolata</i>	Native	4
Portulacaceae	<i>Claytonia megarhiza</i>	Native	-
Portulacaceae	<i>Claytonia multiscapa</i>	Native	4
Portulacaceae	<i>Claytonia parviflora</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Portulacaceae	<i>Claytonia perfoliata</i>	Native	2
Portulacaceae	<i>Claytonia rubra</i>	Native	-
Portulacaceae	<i>Claytonia rubra</i> ssp. <i>depressa</i>	Native	-
Portulacaceae	<i>Claytonia rubra</i> ssp. <i>rubra</i>	Native	-
Portulacaceae	<i>Claytonia sibirica</i>	Native	5
Ranunculaceae	<i>Clematis columbiana</i>	Native	-
Ranunculaceae	<i>Clematis columbiana</i> var. <i>columbiana</i>	Native	-
Ranunculaceae	<i>Clematis columbiana</i> var. <i>tenuiloba</i>	Native	-
Ranunculaceae	<i>Clematis hirsutissima</i>	Native	-
Ranunculaceae	<i>Clematis ligusticifolia</i>	Native	3
Ranunculaceae	<i>Clematis occidentalis</i>	Native	-
Cleomaceae	<i>Cleome lutea</i>	Native	-
Cleomaceae	<i>Cleome serrulata</i>	Native	-
Liliaceae	<i>Clintonia uniflora</i>	Native	-
Orchidaceae	<i>Coeloglossum viride</i>	Native	6
Plantaginaceae	<i>Collinsia parviflora</i>	Native	-
Polemoniaceae	<i>Collomia debilis</i>	Native	-
Polemoniaceae	<i>Collomia debilis</i> var. <i>camporum</i>	Native	-
Polemoniaceae	<i>Collomia debilis</i> var. <i>debilis</i>	Native	-
Polemoniaceae	<i>Collomia grandiflora</i>	Native	-
Polemoniaceae	<i>Collomia linearis</i>	Native	3
Polemoniaceae	<i>Collomia tinctoria</i>	Native	-
Santalaceae	<i>Comandra umbellata</i>	Native	-
Rosaceae	<i>Comarum palustre</i>	Native	7
Saxifragaceae	<i>Conimitella williamsii</i>	Native	-
Apiaceae	<i>Conioselinum scopulorum</i>	Unknown / Undetermined	-
Apiaceae	<i>Conium maculatum</i>	Exotic	0
Brassicaceae	<i>Conringia orientalis</i>	Exotic	1
Convolvulaceae	<i>Convolvulus arvensis</i>	Exotic	0
Asteraceae	<i>Conyza canadensis</i>	Native	-
Ranunculaceae	<i>Coptis occidentalis</i>	Native	-
Orchidaceae	<i>Corallorrhiza maculata</i>	Native	-
Orchidaceae	<i>Corallorrhiza maculata</i> var. <i>maculata</i>	Native	-
Orchidaceae	<i>Corallorrhiza maculata</i> var. <i>occidentalis</i>	Native	-
Orchidaceae	<i>Corallorrhiza mertensiana</i>	Native	-
Orchidaceae	<i>Corallorrhiza striata</i>	Native	-
Orchidaceae	<i>Corallorrhiza trifida</i>	Native	8
Orchidaceae	<i>Corallorrhiza wisteriana</i>	Native	9
Orobanchaceae	<i>Cordylanthus capitatus</i>	Unknown / Undetermined	-
Orobanchaceae	<i>Cordylanthus ramosus</i>	Native	6
Asteraceae	<i>Coreopsis tinctoria</i>	Native	6
Amaranthaceae	<i>Corispermum americanum</i>	Native	-
Amaranthaceae	<i>Corispermum villosum</i>	Unknown / Undetermined	-
Cornaceae	<i>Cornus canadensis</i>	Native	7
Cornaceae	<i>Cornus sericea</i>	Native	5
Fabaceae	<i>Coronilla varia</i>	Exotic	1
Fumariaceae	<i>Corydalis aurea</i>	Native	-
Fumariaceae	<i>Corydalis sempervirens</i>	Native	-
Cactaceae	<i>Coryphantha missouriensis</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Cactaceae	<i>Coryphantha vivipara</i>	Native	-
Rosaceae	<i>Crataegus castlegarensis</i>	Native	-
Rosaceae	<i>Crataegus chrysocarpa</i>	Native	-
Rosaceae	<i>Crataegus douglasii</i>	Native	5
Rosaceae	<i>Crataegus macracantha</i>	Native	-
Rosaceae	<i>Crataegus monogyna</i>	Exotic	1
Rosaceae	<i>Crataegus okanaganensis</i>	Native	-
Rosaceae	<i>Crataegus suksdorfii</i>	Native	-
Rosaceae	<i>Crataegus williamsii</i>	Native	-
Asteraceae	<i>Crepis acuminata</i>	Native	-
Asteraceae	<i>Crepis atribarba</i>	Native	-
Asteraceae	<i>Crepis elegans</i>	Native	-
Asteraceae	<i>Crepis intermedia</i>	Native	-
Asteraceae	<i>Crepis modocensis</i>	Native	-
Asteraceae	<i>Crepis nana</i>	Native	-
Asteraceae	<i>Crepis occidentalis</i>	Native	-
Asteraceae	<i>Crepis runcinata</i>	Native	5
Asteraceae	<i>Crepis runcinata</i> ssp. <i>glaуca</i>	Native	-
Asteraceae	<i>Crepis runcinata</i> ssp. <i>hispidulosa</i>	Native	-
Asteraceae	<i>Crepis runcinata</i> ssp. <i>runcinata</i>	Native	-
Asteraceae	<i>Crepis setosa</i>	Exotic	1
Asteraceae	<i>Crepis tectorum</i>	Exotic	0
Poaceae	<i>Crypsis alopecuroides</i>	Exotic	1
Boraginaceae	<i>Cryptantha affinis</i>	Native	-
Boraginaceae	<i>Cryptantha ambigua</i>	Native	-
Boraginaceae	<i>Cryptantha cana</i>	Native	-
Boraginaceae	<i>Cryptantha celosioides</i>	Native	-
Boraginaceae	<i>Cryptantha cinerea</i>	Unknown / Undetermined	-
Boraginaceae	<i>Cryptantha fendleri</i>	Native	-
Boraginaceae	<i>Cryptantha flavoculata</i>	Native	-
Boraginaceae	<i>Cryptantha humilis</i>	Native	-
Boraginaceae	<i>Cryptantha kelseyan</i>	Native	-
Boraginaceae	<i>Cryptantha minima</i>	Native	-
Boraginaceae	<i>Cryptantha scoparia</i>	Native	-
Boraginaceae	<i>Cryptantha sobolifera</i>	Native	-
Boraginaceae	<i>Cryptantha spiculifera</i>	Native	-
Boraginaceae	<i>Cryptantha torreyana</i>	Native	-
Boraginaceae	<i>Cryptantha watsonii</i>	Native	-
Pteridaceae	<i>Cryptogramma acrostichoides</i>	Native	-
Pteridaceae	<i>Cryptogramma cascadensis</i>	Native	-
Pteridaceae	<i>Cryptogramma stelleri</i>	Native	-
Cuscutaceae	<i>Cuscuta approximata</i>	Exotic	1
Cuscutaceae	<i>Cuscuta coryli</i>	Unknown / Undetermined	-
Cuscutaceae	<i>Cuscuta epithymum</i>	Exotic	1
Cuscutaceae	<i>Cuscuta gronovii</i>	Unknown / Undetermined	-
Cuscutaceae	<i>Cuscuta indecora</i>	Unknown / Undetermined	-
Cuscutaceae	<i>Cuscuta megalocarpa</i>	Unknown / Undetermined	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Cuscutaceae	<i>Cuscuta pentagona</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Cycloloma atriplicifolium</i>	Unknown / Undetermined	-
Apiaceae	<i>Cymopterus acaulis</i>	Native	-
Apiaceae	<i>Cymopterus glaucus</i>	Native	-
Apiaceae	<i>Cymopterus hendersonii</i>	Native	-
Apiaceae	<i>Cymopterus longilobus</i>	Native	-
Apiaceae	<i>Cymopterus nivalis</i>	Native	-
Apiaceae	<i>Cymopterus terebinthinus</i>	Native	-
Apiaceae	<i>Cymopterus terebinthinus</i> var. <i>albiflorus</i>	Native	-
Apiaceae	<i>Cymopterus terebinthinus</i> var. <i>foeniculaceus</i>	Native	-
Poaceae	<i>Cynodon dactylon</i>	Exotic	1
Boraginaceae	<i>Cynoglossum officinale</i>	Exotic	0
Poaceae	<i>Cynosurus cristatus</i>	Exotic	1
Poaceae	<i>Cynosurus echinatus</i>	Exotic	1
Cyperaceae	<i>Cyperus acuminatus</i>	Native	4
Cyperaceae	<i>Cyperus bipartitus</i>	Native	4
Cyperaceae	<i>Cyperus erythrorhizos</i>	Native	4
Cyperaceae	<i>Cyperus schweinitzii</i>	Native	8
Cyperaceae	<i>Cyperus squarrosus</i>	Native	4
Cyperaceae	<i>Cyperus strigosus</i>	Native	4
Orchidaceae	<i>Cypripedium fasciculatum</i>	Native	7
Orchidaceae	<i>Cypripedium montanum</i>	Native	8
Orchidaceae	<i>Cypripedium parviflorum</i>	Native	9
Orchidaceae	<i>Cypripedium passerinum</i>	Native	10
Orchidaceae	<i>Cypripedium x columbianum</i>	Native	-
Dryopteridaceae	<i>Cystopteris fragilis</i>	Native	-
Dryopteridaceae	<i>Cystopteris montana</i>	Native	10
Fabaceae	<i>Cytisus scoparius</i>	Exotic	0
Poaceae	<i>Dactylis glomerata</i>	Exotic	0
Fabaceae	<i>Dalea candida</i>	Native	-
Fabaceae	<i>Dalea enneandra</i>	Native	-
Fabaceae	<i>Dalea purpurea</i>	Native	-
Fabaceae	<i>Dalea villosa</i>	Native	-
Alismataceae	<i>Damasonium californicum</i>	Native	-
Poaceae	<i>Danthonia californica</i>	Native	4
Poaceae	<i>Danthonia intermedia</i>	Native	5
Poaceae	<i>Danthonia parryi</i>	Native	-
Poaceae	<i>Danthonia spicata</i>	Native	-
Poaceae	<i>Danthonia unispicata</i>	Native	-
Thymelaeaceae	<i>Daphne mezereum</i>	Exotic	1
Solanaceae	<i>Datura stramonium</i>	Exotic	1
Apiaceae	<i>Daucus carota</i>	Exotic	1
Ranunculaceae	<i>Delphinium ajacis</i>	Exotic	1
Ranunculaceae	<i>Delphinium andersonii</i>	Unknown / Undetermined	-
Ranunculaceae	<i>Delphinium bicolor</i>	Native	-
Ranunculaceae	<i>Delphinium bicolor</i> ssp. <i>bicolor</i>	Native	-
Ranunculaceae	<i>Delphinium bicolor</i> ssp. <i>calcicola</i>	Native	-
Ranunculaceae	<i>Delphinium burkei</i>	Native	-

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Ranunculaceae	<i>Delphinium depauperatum</i>	Native	7
Ranunculaceae	<i>Delphinium geyeri</i>	Unknown / Undetermined	-
Ranunculaceae	<i>Delphinium glaucescens</i>	Native	-
Ranunculaceae	<i>Delphinium glaucum</i>	Native	6
Ranunculaceae	<i>Delphinium nuttallianum</i>	Native	4
Ranunculaceae	<i>Delphinium occidentale</i>	Native	-
Poaceae	<i>Deschampsia cespitosa</i>	Native	7
Poaceae	<i>Deschampsia danthonioides</i>	Native	5
Poaceae	<i>Deschampsia elongata</i>	Native	4
Brassicaceae	<i>Descurainia incana</i>	Native	-
Brassicaceae	<i>Descurainia incana</i> var. <i>incana</i>	Native	-
Brassicaceae	<i>Descurainia incana</i> var. <i>macroisperma</i>	Native	-
Brassicaceae	<i>Descurainia incana</i> var. <i>viscosa</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i> var. <i>brachycarpa</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i> var. <i>filipes</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i> var. <i>intermedia</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i> var. <i>nelsonii</i>	Native	-
Brassicaceae	<i>Descurainia sophia</i>	Exotic	0
Brassicaceae	<i>Descurainia torulosa</i>	Native	-
Caryophyllaceae	<i>Dianthus armeria</i>	Exotic	0
Caryophyllaceae	<i>Dianthus barbatus</i>	Exotic	1
Caryophyllaceae	<i>Dianthus deltoides</i>	Exotic	1
Fumariaceae	<i>Dicentra uniflora</i>	Native	-
Poaceae	<i>Dichanthelium acuminatum</i>	Native	9
Poaceae	<i>Dichanthelium oligosanthes</i> var. <i>scribnorianum</i>	Native	-
Poaceae	<i>Dichanthelium wilcoxianum</i>	Native	-
Plantaginaceae	<i>Digitalis purpurea</i>	Exotic	1
Poaceae	<i>Digitaria ischaemum</i>	Exotic	1
Poaceae	<i>Digitaria sanguinalis</i>	Exotic	1
Brassicaceae	<i>Diplotaxis muralis</i>	Exotic	1
Dipsacaceae	<i>Dipsacus fullonum</i>	Exotic	0
Poaceae	<i>Distichlis spicata</i>	Native	5
Primulaceae	<i>Dodecatheon conjugens</i>	Native	-
Primulaceae	<i>Dodecatheon jeffreyi</i>	Native	7
Primulaceae	<i>Dodecatheon pulchellum</i>	Native	5
Primulaceae	<i>Douglasia conservatorum</i>	Native	-
Primulaceae	<i>Douglasia montana</i>	Native	-
Campanulaceae	<i>Downingia laeta</i>	Native	9
Brassicaceae	<i>Draba albertina</i>	Native	4
Brassicaceae	<i>Draba aurea</i>	Native	7
Brassicaceae	<i>Draba brachycarpa</i>	Native	-
Brassicaceae	<i>Draba calcifuga</i>	Native	-
Brassicaceae	<i>Draba cana</i>	Native	-
Brassicaceae	<i>Draba crassa</i>	Native	-
Brassicaceae	<i>Draba crassifolia</i>	Native	-
Brassicaceae	<i>Draba daviesiae</i>	Native	-
Brassicaceae	<i>Draba densifolia</i>	Native	-
Brassicaceae	<i>Draba fladnizensis</i>	Native	-
Brassicaceae	<i>Draba globosa</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Brassicaceae	<i>Draba incerta</i>	Native	-
Brassicaceae	<i>Draba lonchocarpa</i>	Native	-
Brassicaceae	<i>Draba macounii</i>	Native	-
Brassicaceae	<i>Draba nemorosa</i>	Native	2
Brassicaceae	<i>Draba oligosperma</i>	Native	-
Brassicaceae	<i>Draba paysonii</i>	Native	-
Brassicaceae	<i>Draba paysonii</i> var. <i>paysonii</i>	Native	-
Brassicaceae	<i>Draba paysonii</i> var. <i>treleasii</i>	Native	-
Brassicaceae	<i>Draba porsildii</i>	Native	-
Brassicaceae	<i>Draba praealta</i>	Native	4
Brassicaceae	<i>Draba reptans</i>	Native	-
Brassicaceae	<i>Draba stenoloba</i>	Native	4
Brassicaceae	<i>Draba ventosa</i>	Native	-
Brassicaceae	<i>Draba verna</i>	Exotic	0
Lamiaceae	<i>Dracocephalum parviflorum</i>	Native	-
Lamiaceae	<i>Dracocephalum thymiflorum</i>	Exotic	1
Droseraceae	<i>Drosera anglica</i>	Native	10
Droseraceae	<i>Drosera linearis</i>	Native	10
Droseraceae	<i>Drosera rotundifolia</i>	Native	10
Rosaceae	<i>Dryas drummondii</i>	Native	-
Rosaceae	<i>Dryas integrifolia</i>	Native	-
Rosaceae	<i>Dryas octopetala</i>	Native	5
Rosaceae	<i>Drymocallis arguta</i>	Native	-
Rosaceae	<i>Drymocallis fissa</i>	Native	-
Rosaceae	<i>Drymocallis glandulosa</i>	Native	6
Dryopteridaceae	<i>Dryopteris carthusiana</i>	Native	7
Dryopteridaceae	<i>Dryopteris cristata</i>	Native	9
Dryopteridaceae	<i>Dryopteris expansa</i>	Native	8
Dryopteridaceae	<i>Dryopteris filix-mas</i>	Native	-
Cyperaceae	<i>Dulichium arundinaceum</i>	Native	9
Asteraceae	<i>Dyssodia papposa</i>	Native	-
Asteraceae	<i>Echinacea angustifolia</i>	Native	-
Poaceae	<i>Echinochloa crus-galli</i>	Exotic	0
Poaceae	<i>Echinochloa muricata</i>	Native	1
Cucurbitaceae	<i>Echinocystis lobata</i>	Native	5
Boraginaceae	<i>Echium vulgare</i>	Exotic	0
Elaeagnaceae	<i>Elaeagnus angustifolia</i>	Exotic	0
Elaeagnaceae	<i>Elaeagnus commutata</i>	Native	-
Elatinaceae	<i>Elatine brachysperma</i>	Native	6
Elatinaceae	<i>Elatine californica</i>	Native	6
Elatinaceae	<i>Elatine rubella</i>	Native	6
Elatinaceae	<i>Elatine triandra</i>	Native	6
Cyperaceae	<i>Eleocharis acicularis</i>	Native	4
Cyperaceae	<i>Eleocharis atropurpurea</i>	Unknown / Undetermined	-
Cyperaceae	<i>Eleocharis bella</i>	Native	4
Cyperaceae	<i>Eleocharis elliptica</i>	Unknown / Undetermined	-
Cyperaceae	<i>Eleocharis flavescens</i>	Unknown / Undetermined	-
Cyperaceae	<i>Eleocharis ovata</i>	Native	-
Cyperaceae	<i>Eleocharis palustris</i>	Native	4

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Cyperaceae	<i>Eleocharis quinqueflora</i>	Native	7
Cyperaceae	<i>Eleocharis rostellata</i>	Native	9
Poaceae	<i>Eleusine indica</i>	Exotic	1
Hydrophyllaceae	<i>Ellisia nyctelea</i>	Native	-
Hydrocharitaceae	<i>Elodea bifoliata</i>	Native	8
Hydrocharitaceae	<i>Elodea canadensis</i>	Native	7
Hydrocharitaceae	<i>Elodea nuttallii</i>	Native	4
Poaceae	<i>Elymus albicans</i>	Native	-
Poaceae	<i>Elymus angustus</i>	Exotic	-
Poaceae	<i>Elymus canadensis</i>	Native	5
Poaceae	<i>Elymus cinereus</i>	Native	5
Poaceae	<i>Elymus condensatus</i>	Exotic	-
Poaceae	<i>Elymus elymoides</i>	Native	-
Poaceae	<i>Elymus flavescens</i>	Native	-
Poaceae	<i>Elymus glaucus</i>	Native	5
Poaceae	<i>Elymus hispidus</i>	Exotic	1
Poaceae	<i>Elymus innovatus</i>	Native	-
Poaceae	<i>Elymus junceus</i>	Exotic	1
Poaceae	<i>Elymus lanceolatus</i>	Native	-
Poaceae	<i>Elymus repens</i>	Exotic	0
Poaceae	<i>Elymus scribneri</i>	Native	-
Poaceae	<i>Elymus smithii</i>	Native	3
Poaceae	<i>Elymus spicatus</i>	Native	-
Poaceae	<i>Elymus submuticus</i>	Native	6
Poaceae	<i>Elymus trachycaulus</i>	Native	5
Poaceae	<i>Elymus triticoides</i>	Native	3
Poaceae	<i>Elymus virginicus</i>	Unknown / Undetermined	-
Onagraceae	<i>Epilobium anagallidifolium</i>	Native	5
Onagraceae	<i>Epilobium brachycarpum</i>	Native	-
Onagraceae	<i>Epilobium ciliatum</i>	Native	3
Onagraceae	<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	Native	3
Onagraceae	<i>Epilobium ciliatum</i> ssp. <i>glandulosum</i>	Native	-
Onagraceae	<i>Epilobium clavatum</i>	Native	-
Onagraceae	<i>Epilobium densiflorum</i>	Native	-
Onagraceae	<i>Epilobium glaberrimum</i>	Native	5
Onagraceae	<i>Epilobium haleanum</i>	Native	4
Onagraceae	<i>Epilobium hornemannii</i>	Native	4
Onagraceae	<i>Epilobium lactiflorum</i>	Native	4
Onagraceae	<i>Epilobium leptocarpum</i>	Native	-
Onagraceae	<i>Epilobium minutum</i>	Native	-
Onagraceae	<i>Epilobium oregonense</i>	Native	4
Onagraceae	<i>Epilobium palustre</i>	Native	7
Onagraceae	<i>Epilobium palustre</i> var. <i>gracile</i>	Native	-
Onagraceae	<i>Epilobium palustre</i> var. <i>palustre</i>	Native	-
Onagraceae	<i>Epilobium pygmaeum</i>	Native	4
Onagraceae	<i>Epilobium saximontanum</i>	Native	4
Onagraceae	<i>Epilobium suffruticosum</i>	Native	-
Orchidaceae	<i>Epipactis gigantea</i>	Native	8
Orchidaceae	<i>Epipactis helleborine</i>	Exotic	-
Equisetaceae	<i>Equisetum arvense</i>	Native	2
Equisetaceae	<i>Equisetum fluviatile</i>	Native	6

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Equisetaceae	<i>Equisetum hyemale</i>	Native	3
Equisetaceae	<i>Equisetum laevigatum</i>	Native	4
Equisetaceae	<i>Equisetum palustre</i>	Native	6
Equisetaceae	<i>Equisetum pratense</i>	Native	6
Equisetaceae	<i>Equisetum scirpoides</i>	Native	7
Equisetaceae	<i>Equisetum sylvaticum</i>	Native	5
Equisetaceae	<i>Equisetum variegatum</i>	Native	5
Equisetaceae	<i>Equisetum x ferrissii</i>	Native	-
Poaceae	<i>Eragrostis ciliaris</i>	Exotic	1
Poaceae	<i>Eragrostis hypnoides</i>	Native	4
Poaceae	<i>Eragrostis minor</i>	Exotic	1
Poaceae	<i>Eragrostis pectinacea</i>	Native	4
Poaceae	<i>Eremopyrum triticeum</i>	Exotic	1
Asteraceae	<i>Ericameria discoidea</i>	Native	-
Asteraceae	<i>Ericameria discoidea</i> var. <i>discoidea</i>	Native	-
Asteraceae	<i>Ericameria discoidea</i> var. <i>linearis</i>	Native	-
Asteraceae	<i>Ericameria nana</i>	Native	-
Asteraceae	<i>Ericameria nauseosa</i>	Native	2
Asteraceae	<i>Ericameria nauseosa</i> var. <i>graveolens</i>	Native	-
Asteraceae	<i>Ericameria nauseosa</i> var. <i>nauseosa</i>	Native	-
Asteraceae	<i>Ericameria nauseosa</i> var. <i>oreophila</i>	Native	-
Asteraceae	<i>Ericameria nauseosa</i> var. <i>speciosa</i>	Native	-
Asteraceae	<i>Ericameria parryi</i> var. <i>montana</i>	Native	-
Asteraceae	<i>Ericameria suffruticosa</i>	Native	-
Asteraceae	<i>Erigeron acris</i>	Native	5
Asteraceae	<i>Erigeron acris</i> ssp. <i>debilis</i>	Native	-
Asteraceae	<i>Erigeron acris</i> ssp. <i>kamtschaticus</i>	Native	-
Asteraceae	<i>Erigeron allocotus</i>	Native	-
Asteraceae	<i>Erigeron asperugineus</i>	Native	-
Asteraceae	<i>Erigeron caespitosus</i>	Native	-
Asteraceae	<i>Erigeron compositus</i>	Native	-
Asteraceae	<i>Erigeron corymbosus</i>	Native	-
Asteraceae	<i>Erigeron coulteri</i>	Native	6
Asteraceae	<i>Erigeron divergens</i>	Native	-
Asteraceae	<i>Erigeron eatonii</i>	Native	-
Asteraceae	<i>Erigeron evermannii</i>	Native	-
Asteraceae	<i>Erigeron filifolius</i>	Native	-
Asteraceae	<i>Erigeron flabellifolius</i>	Native	-
Asteraceae	<i>Erigeron flagellaris</i>	Native	3
Asteraceae	<i>Erigeron formosissimus</i>	Native	-
Asteraceae	<i>Erigeron glabellus</i>	Native	4
Asteraceae	<i>Erigeron glabellus</i> var. <i>glabellus</i>	Native	-
Asteraceae	<i>Erigeron glabellus</i> var. <i>pubescens</i>	Native	-
Asteraceae	<i>Erigeron gracilis</i>	Native	6
Asteraceae	<i>Erigeron grandiflorus</i>	Native	-
Asteraceae	<i>Erigeron humilis</i>	Native	8
Asteraceae	<i>Erigeron lackschewitzii</i>	Native	-
Asteraceae	<i>Erigeron lanatus</i>	Native	-
Asteraceae	<i>Erigeron leiomerus</i>	Native	-
Asteraceae	<i>Erigeron linearis</i>	Native	-
Asteraceae	<i>Erigeron lonchophyllus</i>	Native	4
Asteraceae	<i>Erigeron ochroleucus</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Erigeron ochroleucus</i> var. <i>ochroleucus</i>	Native	-
Asteraceae	<i>Erigeron ochroleucus</i> var. <i>scribneri</i>	Native	-
Asteraceae	<i>Erigeron parryi</i>	Native	-
Asteraceae	<i>Erigeron peregrinus</i>	Native	7
Asteraceae	<i>Erigeron philadelphicus</i>	Native	3
Asteraceae	<i>Erigeron pumilus</i>	Native	-
Asteraceae	<i>Erigeron radicatus</i>	Native	-
Asteraceae	<i>Erigeron rydbergii</i>	Native	-
Asteraceae	<i>Erigeron simplex</i>	Native	-
Asteraceae	<i>Erigeron speciosus</i>	Native	-
Asteraceae	<i>Erigeron strigosus</i>	Native	-
Asteraceae	<i>Erigeron subtrinervis</i>	Native	-
Asteraceae	<i>Erigeron tener</i>	Native	-
Asteraceae	<i>Erigeron tweedyi</i>	Native	-
Asteraceae	<i>Erigeron ursinus</i>	Native	-
Polygonaceae	<i>Eriogonum androsaceum</i>	Native	-
Polygonaceae	<i>Eriogonum annum</i>	Native	-
Polygonaceae	<i>Eriogonum brevicaule</i> var. <i>canum</i>	Native	-
Polygonaceae	<i>Eriogonum caespitosum</i>	Native	-
Polygonaceae	<i>Eriogonum cernuum</i>	Native	-
Polygonaceae	<i>Eriogonum crosbyae</i>	Native	-
Polygonaceae	<i>Eriogonum effusum</i>	Unknown / Undetermined	-
Polygonaceae	<i>Eriogonum flavum</i>	Native	-
Polygonaceae	<i>Eriogonum flavum</i> var. <i>flavum</i>	Native	-
Polygonaceae	<i>Eriogonum flavum</i> var. <i>piperi</i>	Native	-
Polygonaceae	<i>Eriogonum heracleoides</i>	Native	-
Polygonaceae	<i>Eriogonum mancum</i>	Native	-
Polygonaceae	<i>Eriogonum microthecum</i>	Native	-
Polygonaceae	<i>Eriogonum microthecum</i> var. <i>laxiflorum</i>	Native	-
Polygonaceae	<i>Eriogonum microthecum</i> var. <i>simpsonii</i>	Native	-
Polygonaceae	<i>Eriogonum ovalifolium</i>	Native	-
Polygonaceae	<i>Eriogonum ovalifolium</i> var. <i>depressum</i>	Native	-
Polygonaceae	<i>Eriogonum ovalifolium</i> var. <i>ochroleucum</i>	Native	-
Polygonaceae	<i>Eriogonum ovalifolium</i> var. <i>ovalifolium</i>	Native	-
Polygonaceae	<i>Eriogonum ovalifolium</i> var. <i>pansum</i>	Native	-
Polygonaceae	<i>Eriogonum ovalifolium</i> var. <i>purpureum</i>	Native	-
Polygonaceae	<i>Eriogonum pauciflorum</i>	Native	-
Polygonaceae	<i>Eriogonum pyrolifolium</i>	Native	-
Polygonaceae	<i>Eriogonum salsuginosum</i>	Native	-
Polygonaceae	<i>Eriogonum soliceps</i>	Native	-
Polygonaceae	<i>Eriogonum strictum</i>	Native	-
Polygonaceae	<i>Eriogonum umbellatum</i>	Native	-
Polygonaceae	<i>Eriogonum umbellatum</i> var. <i>aureum</i>	Native	-
Polygonaceae	<i>Eriogonum umbellatum</i> var. <i>deserticum</i>	Native	-
Polygonaceae	<i>Eriogonum umbellatum</i> var. <i>dichrocephalum</i>	Native	-
Polygonaceae	<i>Eriogonum umbellatum</i> var. <i>ellipticum</i>	Native	-
Polygonaceae	<i>Eriogonum umbellatum</i> var. <i>majus</i>	Native	-
Polygonaceae	<i>Eriogonum umbellatum</i> var. <i>umbellatum</i>	Native	-
Polygonaceae	<i>Eriogonum visheri</i>	Native	-
Cyperaceae	<i>Eriophorum angustifolium</i>	Native	9

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Cyperaceae	<i>Eriophorum callitrix</i>	Native	10
Cyperaceae	<i>Eriophorum chamissonis</i>	Native	9
Cyperaceae	<i>Eriophorum gracile</i>	Native	10
Cyperaceae	<i>Eriophorum scheuchzeri</i>	Unknown / Undetermined	10
Cyperaceae	<i>Eriophorum viridicarinatum</i>	Native	10
Asteraceae	<i>Eriophyllum lanatum</i>	Native	-
Asteraceae	<i>Eriophyllum lanatum</i> var. <i>integrifolium</i>	Native	-
Asteraceae	<i>Eriophyllum lanatum</i> var. <i>lanatum</i>	Native	-
Boraginaceae	<i>Eritrichium howardii</i>	Native	-
Boraginaceae	<i>Eritrichium nanum</i>	Native	-
Geraniaceae	<i>Erodium cicutarium</i>	Exotic	0
Brassicaceae	<i>Eruca vesicaria</i>	Exotic	1
Brassicaceae	<i>Erucastrum gallicum</i>	Exotic	1
Brassicaceae	<i>Erysimum asperum</i>	Native	-
Brassicaceae	<i>Erysimum capitatum</i>	Native	-
Brassicaceae	<i>Erysimum cheiranthoides</i>	Native	-
Brassicaceae	<i>Erysimum inconspicuum</i>	Native	-
Brassicaceae	<i>Erysimum repandum</i>	Exotic	1
Liliaceae	<i>Erythronium grandiflorum</i>	Native	-
Liliaceae	<i>Erythronium grandiflorum</i> var. <i>candidum</i>	Native	-
Liliaceae	<i>Erythronium grandiflorum</i> var. <i>grandiflorum</i>	Native	-
Asteraceae	<i>Eucephalus elegans</i>	Native	-
Asteraceae	<i>Eucephalus engelmannii</i>	Native	-
Asteraceae	<i>Eupatorium maculatum</i>	Native	5
Euphorbiaceae	<i>Euphorbia agraria</i>	Exotic	1
Euphorbiaceae	<i>Euphorbia brachycera</i>	Native	-
Euphorbiaceae	<i>Euphorbia cyparissias</i>	Exotic	1
Euphorbiaceae	<i>Euphorbia esula</i>	Exotic	0
Euphorbiaceae	<i>Euphorbia geyeri</i>	Native	-
Euphorbiaceae	<i>Euphorbia glyptosperma</i>	Native	-
Euphorbiaceae	<i>Euphorbia helioscopia</i>	Exotic	1
Euphorbiaceae	<i>Euphorbia hexagona</i>	Unknown / Undetermined	-
Euphorbiaceae	<i>Euphorbia marginata</i>	Unknown / Undetermined	-
Euphorbiaceae	<i>Euphorbia missurica</i>	Native	-
Euphorbiaceae	<i>Euphorbia oblongata</i>	Exotic	0
Euphorbiaceae	<i>Euphorbia peplus</i>	Exotic	1
Euphorbiaceae	<i>Euphorbia serpens</i>	Native	3
Euphorbiaceae	<i>Euphorbia serpyllifolia</i>	Native	-
Euphorbiaceae	<i>Euphorbia spathulata</i>	Native	3
Euphorbiaceae	<i>Euphorbia supina</i>	Exotic	1
Orobanchaceae	<i>Euphrasia subarctica</i>	Native	-
Asteraceae	<i>Eurybia conspicua</i>	Native	-
Asteraceae	<i>Eurybia glauca</i>	Native	-
Asteraceae	<i>Eurybia integrifolia</i>	Native	-
Asteraceae	<i>Eurybia merita</i>	Native	-
Asteraceae	<i>Eurybia sibirica</i>	Native	5
Gentianaceae	<i>Eustoma grandiflorum</i>	Unknown / Undetermined	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Euthamia graminifolia</i>	Unknown / Undetermined	7
Asteraceae	<i>Euthamia occidentalis</i>	Native	7
Brassicaceae	<i>Eutrema salsugineum</i>	Unknown / Undetermined	-
Asteraceae	<i>Evax prolifera</i>	Unknown / Undetermined	-
Convolvulaceae	<i>Evolvulus nuttallianus</i>	Native	-
Poaceae	<i>Festuca baffinensis</i>	Native	-
Poaceae	<i>Festuca brachyphylla</i>	Native	-
Poaceae	<i>Festuca campestris</i>	Native	-
Poaceae	<i>Festuca hallii</i>	Native	-
Poaceae	<i>Festuca idahoensis</i>	Native	4
Poaceae	<i>Festuca minutiflora</i>	Native	-
Poaceae	<i>Festuca occidentalis</i>	Native	-
Poaceae	<i>Festuca ovina</i>	Exotic	1
Poaceae	<i>Festuca rubra</i>	Native/Naturalized	1
Poaceae	<i>Festuca saximontana</i>	Native	-
Poaceae	<i>Festuca subulata</i>	Native	7
Poaceae	<i>Festuca viridula</i>	Native	-
Poaceae	<i>Festuca viviparoidea</i>	Native	-
Asteraceae	<i>Filago arvensis</i>	Exotic	0
Limnanthaceae	<i>Floerkea proserpinacoides</i>	Native	4
Rosaceae	<i>Fragaria vesca</i>	Native	-
Rosaceae	<i>Fragaria virginiana</i>	Native	3
Rosaceae	<i>Fragaria virginiana</i> ssp. <i>glaucia</i>	Native	-
Rosaceae	<i>Fragaria virginiana</i> var. <i>platypetala</i>	Native	-
Rhamnaceae	<i>Frangula purshiana</i>	Native	6
Gentianaceae	<i>Frasera albicaulis</i>	Native	-
Gentianaceae	<i>Frasera speciosa</i>	Native	-
Oleaceae	<i>Fraxinus pennsylvanica</i>	Native	4
Liliaceae	<i>Fritillaria atropurpurea</i>	Native	-
Liliaceae	<i>Fritillaria pudica</i>	Native	-
Fumariaceae	<i>Fumaria officinalis</i>	Exotic	1
Fumariaceae	<i>Fumaria vaillantii</i>	Exotic	1
Asteraceae	<i>Gaillardia aristata</i>	Native	-
Lamiaceae	<i>Galeopsis tetrahit</i>	Exotic	1
Asteraceae	<i>Galinsoga quadriradiata</i>	Exotic	1
Rubiaceae	<i>Galium aparine</i>	Native	-
Rubiaceae	<i>Galium bifolium</i>	Native	-
Rubiaceae	<i>Galium boreale</i>	Native	4
Rubiaceae	<i>Galium mexicanum</i>	Native	2
Rubiaceae	<i>Galium mollugo</i>	Exotic	1
Rubiaceae	<i>Galium palustre</i>	Unknown / Undetermined	5
Rubiaceae	<i>Galium pedemontanum</i>	Exotic	1
Rubiaceae	<i>Galium trifidum</i>	Native	6
Rubiaceae	<i>Galium trifidum</i> ssp. <i>columbianum</i>	Native	-
Rubiaceae	<i>Galium trifidum</i> ssp. <i>subbiflorum</i>	Native	-
Rubiaceae	<i>Galium trifidum</i> ssp. <i>trifidum</i>	Native	-
Rubiaceae	<i>Galium triflorum</i>	Native	6
Rubiaceae	<i>Galium verum</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Ericaceae	<i>Gaultheria humifusa</i>	Native	8
Ericaceae	<i>Gaultheria ovatifolia</i>	Native	8
Onagraceae	<i>Gaura coccinea</i>	Native	-
Onagraceae	<i>Gaura parviflora</i>	Native	-
Onagraceae	<i>Gayophytum decipiens</i>	Native	-
Onagraceae	<i>Gayophytum diffusum</i>	Native	-
Onagraceae	<i>Gayophytum humile</i>	Unknown / Undetermined	-
Onagraceae	<i>Gayophytum racemosum</i>	Native	4
Onagraceae	<i>Gayophytum ramosissimum</i>	Native	-
Gentianaceae	<i>Gentiana affinis</i>	Native	6
Gentianaceae	<i>Gentiana algida</i>	Native	9
Gentianaceae	<i>Gentiana calycosa</i>	Native	7
Gentianaceae	<i>Gentiana fremontii</i>	Native	7
Gentianaceae	<i>Gentiana glauca</i>	Native	10
Gentianaceae	<i>Gentiana prostrata</i>	Native	6
Gentianaceae	<i>Gentianella amarella</i>	Native	3
Gentianaceae	<i>Gentianella propinqua</i>	Native	10
Gentianaceae	<i>Gentianella tenella</i>	Native	6
Gentianaceae	<i>Gentianopsis macounii</i>	Native	-
Gentianaceae	<i>Gentianopsis simplex</i>	Native	9
Gentianaceae	<i>Gentianopsis thermalis</i>	Native	8
Santalaceae	<i>Geocaulon lividum</i>	Native	7
Geraniaceae	<i>Geranium bicknellii</i>	Native	-
Geraniaceae	<i>Geranium carolinianum</i>	Unknown / Undetermined	-
Geraniaceae	<i>Geranium molle</i>	Exotic	1
Geraniaceae	<i>Geranium pusillum</i>	Exotic	1
Geraniaceae	<i>Geranium richardsonii</i>	Native	5
Geraniaceae	<i>Geranium robertianum</i>	Exotic	1
Geraniaceae	<i>Geranium viscosissimum</i>	Native	4
Geraniaceae	<i>Geranium viscosissimum</i> var. <i>incisum</i>	Native	-
Geraniaceae	<i>Geranium viscosissimum</i> var. <i>viscosissimum</i>	Native	-
Rosaceae	<i>Geum aleppicum</i>	Native	6
Rosaceae	<i>Geum canadense</i>	Native	6
Rosaceae	<i>Geum macrophyllum</i>	Native	5
Rosaceae	<i>Geum rivale</i>	Native	7
Rosaceae	<i>Geum rossii</i>	Native	-
Rosaceae	<i>Geum rossii</i> var. <i>rossii</i>	Native	-
Rosaceae	<i>Geum rossii</i> var. <i>turbinatum</i>	Native	-
Rosaceae	<i>Geum triflorum</i>	Native	-
Polemoniaceae	<i>Gilia leptomeria</i>	Native	-
Polemoniaceae	<i>Gilia tenerima</i>	Native	-
Polemoniaceae	<i>Gilia tweedyi</i>	Native	-
Campanulaceae	<i>Githopsis specularioides</i>	Native	-
Papaveraceae	<i>Glaucium corniculatum</i>	Exotic	1
Myrsinaceae	<i>Glaux maritima</i>	Native	5
Lamiaceae	<i>Glechoma hederacea</i>	Exotic	1
Crossosomataceae	<i>Glossopetalon spinescens</i>	Native	-
Poaceae	<i>Glyceria borealis</i>	Native	6
Poaceae	<i>Glyceria elata</i>	Native	6

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Poaceae	<i>Glyceria grandis</i>	Native	7
Poaceae	<i>Glyceria striata</i>	Native	6
Fabaceae	<i>Glycyrrhiza lepidota</i>	Native	3
Asteraceae	<i>Gnaphalium macounii</i>	Native	-
Asteraceae	<i>Gnaphalium microcephalum</i>	Native	-
Asteraceae	<i>Gnaphalium palustre</i>	Native	3
Asteraceae	<i>Gnaphalium purpureum</i>	Unknown / Undetermined	-
Asteraceae	<i>Gnaphalium stramineum</i>	Native	3
Asteraceae	<i>Gnaphalium uliginosum</i>	Exotic	1
Orchidaceae	<i>Goodyera oblongifolia</i>	Native	-
Orchidaceae	<i>Goodyera repens</i>	Native	-
Plantaginaceae	<i>Gratiola ebracteata</i>	Native	8
Plantaginaceae	<i>Gratiola neglecta</i>	Native	8
Amaranthaceae	<i>Grayia spinosa</i>	Native	-
Asteraceae	<i>Grindelia howellii</i>	Native	2
Asteraceae	<i>Grindelia nana</i>	Native	3
Asteraceae	<i>Grindelia squarrosa</i>	Native	2
Asteraceae	<i>Gutierrezia sarothrae</i>	Native	-
Dryopteridaceae	<i>Gymnocarpium dryopteris</i>	Native	7
Polemoniaceae	<i>Gymnosteris parvula</i>	Native	3
Caryophyllaceae	<i>Gypsophila paniculata</i>	Exotic	0
Caryophyllaceae	<i>Gypsophila scorzonerifolia</i>	Exotic	0
Boraginaceae	<i>Hackelia cinerea</i>	Native	-
Boraginaceae	<i>Hackelia deflexa</i>	Native	-
Boraginaceae	<i>Hackelia floribunda</i>	Native	-
Boraginaceae	<i>Hackelia micrantha</i>	Native	-
Boraginaceae	<i>Hackelia patens</i>	Native	-
Gentianaceae	<i>Halenia deflexa</i>	Native	4
Amaranthaceae	<i>Halogeton glomeratus</i>	Exotic	0
Lamiaceae	<i>Hedeoma drummondii</i>	Native	-
Lamiaceae	<i>Hedeoma hispida</i>	Native	-
Fabaceae	<i>Hedysarum alpinum</i>	Native	-
Fabaceae	<i>Hedysarum boreale</i>	Native	-
Fabaceae	<i>Hedysarum occidentale</i>	Native	-
Fabaceae	<i>Hedysarum sulphurescens</i>	Native	-
Asteraceae	<i>Helenium autumnale</i>	Native	6
Asteraceae	<i>Helenium hoopesii</i>	Unknown / Undetermined	-
Asteraceae	<i>Helianthella quinquenervis</i>	Native	4
Asteraceae	<i>Helianthella uniflora</i>	Native	-
Asteraceae	<i>Helianthus annuus</i>	Native	-
Asteraceae	<i>Helianthus maximiliani</i>	Native	-
Asteraceae	<i>Helianthus nuttallii</i>	Native	7
Asteraceae	<i>Helianthus pauciflorus</i>	Native	-
Asteraceae	<i>Helianthus petiolaris</i>	Native	-
Asteraceae	<i>Helianthus pumilus</i>	Unknown / Undetermined	-
Asteraceae	<i>Helianthus x laetiflorus</i>	Unknown / Undetermined	-
Poaceae	<i>Helictotrichon hookeri</i>	Native	-
Boraginaceae	<i>Heliotropium curassavicum</i>	Native	5

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Helminthotheca echioides</i>	Exotic	-
Liliaceae	<i>Hemerocallis fulva</i>	Exotic	1
Apiaceae	<i>Heracleum lanatum</i>	Native	5
Brassicaceae	<i>Hesperis matronalis</i>	Exotic	0
Hydrophyllaceae	<i>Hesperochiron californicus</i>	Native	-
Hydrophyllaceae	<i>Hesperochiron pumilus</i>	Native	9
Pontederiaceae	<i>Heteranthera dubia</i>	Native	7
Campanulaceae	<i>Heterocodon rariflorum</i>	Native	7
Asteraceae	<i>Heterotheca villosa</i>	Native	-
Asteraceae	<i>Heterotheca villosa</i> var. <i>depressa</i>	Unknown / Undetermined	-
Asteraceae	<i>Heterotheca villosa</i> var. <i>foliosa</i>	Native	-
Asteraceae	<i>Heterotheca villosa</i> var. <i>minor</i>	Native	-
Asteraceae	<i>Heterotheca villosa</i> var. <i>villosa</i>	Native	-
Saxifragaceae	<i>Heuchera cylindrica</i>	Native	-
Saxifragaceae	<i>Heuchera cylindrica</i> var. <i>cylindrica</i>	Native	-
Saxifragaceae	<i>Heuchera cylindrica</i> var. <i>gabella</i>	Native	-
Saxifragaceae	<i>Heuchera grossularifolia</i>	Native	-
Saxifragaceae	<i>Heuchera parvifolia</i>	Native	-
Saxifragaceae	<i>Heuchera richardsonii</i>	Native	-
Malvaceae	<i>Hibiscus trionum</i>	Exotic	1
Asteraceae	<i>Hieracium albiflorum</i>	Native	-
Asteraceae	<i>Hieracium aurantiacum</i>	Exotic	0
Asteraceae	<i>Hieracium caespitosum</i>	Exotic	0
Asteraceae	<i>Hieracium gracile</i>	Native	-
Asteraceae	<i>Hieracium praealtum</i>	Exotic	0
Asteraceae	<i>Hieracium scouleri</i>	Native	-
Asteraceae	<i>Hieracium scouleri</i> var. <i>albertinum</i>	Native	-
Asteraceae	<i>Hieracium scouleri</i> var. <i>griseum</i>	Native	-
Asteraceae	<i>Hieracium scouleri</i> var. <i>scouleri</i>	Native	-
Asteraceae	<i>Hieracium umbellatum</i>	Native	-
Hippuridaceae	<i>Hippuris vulgaris</i>	Native	6
Poaceae	<i>Holcus lanatus</i>	Exotic	1
Rosaceae	<i>Holodiscus discolor</i>	Native	-
Caryophyllaceae	<i>Holosteum umbellatum</i>	Exotic	0
Poaceae	<i>Hordeum brachyantherum</i>	Native	5
Poaceae	<i>Hordeum jubatum</i>	Native	2
Poaceae	<i>Hordeum marinum</i>	Exotic	1
Poaceae	<i>Hordeum murinum</i>	Exotic	0
Poaceae	<i>Hordeum pusillum</i>	Native	-
Poaceae	<i>Hordeum vulgare</i>	Exotic	1
Rosaceae	<i>Horkelia fusca</i>	Native	-
Brassicaceae	<i>Hornungia procumbens</i>	Native	4
Campanulaceae	<i>Howellia aquatilis</i>	Native	9
Asteraceae	<i>Hulsea algida</i>	Native	-
Cannabaceae	<i>Humulus lupulus</i>	Exotic	1
Lycopodiaceae	<i>Huperzia haleakalae</i>	Native	-
Lycopodiaceae	<i>Huperzia miyoshiana</i>	Native	-
Lycopodiaceae	<i>Huperzia occidentalis</i>	Native	-
Hydrophyllaceae	<i>Hydrophyllum capitatum</i>	Native	-
Asteraceae	<i>Hymenopappus filifolius</i>	Native	-
Asteraceae	<i>Hymenopappus filifolius</i> var. <i>luteus</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Hymenopappus filifolius</i> var. <i>polycephalus</i>	Native	-
Asteraceae	<i>Hymenoxyx acaulis</i>	Native	-
Asteraceae	<i>Hymenoxyx grandiflora</i>	Native	-
Asteraceae	<i>Hymenoxyx richardsonii</i>	Native	-
Asteraceae	<i>Hymenoxyx torreyana</i>	Native	-
Solanaceae	<i>Hyoscyamus niger</i>	Exotic	0
Clusiaceae	<i>Hypericum anagalloides</i>	Native	7
Clusiaceae	<i>Hypericum majus</i>	Native	8
Clusiaceae	<i>Hypericum perforatum</i>	Exotic	0
Clusiaceae	<i>Hypericum scouleri</i>	Native	7
Clusiaceae	<i>Hypericum scouleri</i> ssp. <i>nortoniae</i>	Native	-
Clusiaceae	<i>Hypericum scouleri</i> ssp. <i>scouleri</i>	Native	-
Asteraceae	<i>Hypochaeris radicata</i>	Exotic	1
Lamiaceae	<i>Hyssopus officinalis</i>	Exotic	1
Brassicaceae	<i>Idahoa scapigera</i>	Native	-
Malvaceae	<i>Iliamna rivularis</i>	Native	3
Balsaminaceae	<i>Impatiens aurella</i>	Native	3
Balsaminaceae	<i>Impatiens ecalcarata</i>	Native	3
Asteraceae	<i>Ionactis alpina</i>	Native	-
Asteraceae	<i>Ionactis stenomeres</i>	Native	-
Convolvulaceae	<i>Ipomoea leptophylla</i>	Native	-
Polemoniaceae	<i>Ipomopsis aggregata</i>	Native	-
Polemoniaceae	<i>Ipomopsis congesta</i>	Native	-
Polemoniaceae	<i>Ipomopsis congesta</i> ssp. <i>congesta</i>	Native	-
Polemoniaceae	<i>Ipomopsis congesta</i> ssp. <i>crebrifolia</i>	Native	-
Polemoniaceae	<i>Ipomopsis congesta</i> ssp. <i>pseudotypica</i>	Native	-
Polemoniaceae	<i>Ipomopsis minutiflora</i>	Native	-
Polemoniaceae	<i>Ipomopsis pumila</i>	Native	-
Polemoniaceae	<i>Ipomopsis spicata</i>	Native	-
Polemoniaceae	<i>Ipomopsis spicata</i> ssp. <i>orchidacea</i>	Native	-
Polemoniaceae	<i>Ipomopsis spicata</i> ssp. <i>spicata</i>	Native	-
Iridaceae	<i>Iris missouriensis</i>	Native	3
Iridaceae	<i>Iris pseudacorus</i>	Exotic	0
Brassicaceae	<i>Isatis tinctoria</i>	Exotic	0
Isoetaceae	<i>Isoetes bolanderi</i>	Native	7
Isoetaceae	<i>Isoetes echinospora</i>	Native	9
Isoetaceae	<i>Isoetes howellii</i>	Native	8
Isoetaceae	<i>Isoetes occidentalis</i>	Native	9
Asteraceae	<i>Iva axillaris</i>	Native	3
Asteraceae	<i>Iva xanthifolia</i>	Unknown / Undetermined	3
Rosaceae	<i>Ivesia gordonii</i>	Native	-
Rosaceae	<i>Ivesia tweedyi</i>	Unknown / Undetermined	-
Juncaceae	<i>Juncus acuminatus</i>	Native	5
Juncaceae	<i>Juncus alpinoarticulatus</i>	Native	7
Juncaceae	<i>Juncus articulatus</i>	Native	7
Juncaceae	<i>Juncus balticus</i>	Native	3
Juncaceae	<i>Juncus biglumis</i>	Native	9
Juncaceae	<i>Juncus brachyphyllus</i>	Unknown / Undetermined	-
Juncaceae	<i>Juncus bufonius</i>	Native	1

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Juncaceae	<i>Juncus castaneus</i>	Native	9
Juncaceae	<i>Juncus compressus</i>	Exotic	1
Juncaceae	<i>Juncus confusus</i>	Native	2
Juncaceae	<i>Juncus covillei</i>	Native	4
Juncaceae	<i>Juncus covillei</i> var. <i>covillei</i>	Native	-
Juncaceae	<i>Juncus covillei</i> var. <i>obtusatus</i>	Native	-
Juncaceae	<i>Juncus drummondii</i>	Native	7
Juncaceae	<i>Juncus dudleyi</i>	Native	3
Juncaceae	<i>Juncus effusus</i>	Native	6
Juncaceae	<i>Juncus ensifolius</i>	Native	4
Juncaceae	<i>Juncus filiformis</i>	Native	7
Juncaceae	<i>Juncus gerardii</i>	Exotic	1
Juncaceae	<i>Juncus hallii</i>	Native	6
Juncaceae	<i>Juncus interior</i>	Native	3
Juncaceae	<i>Juncus longistylis</i>	Native	5
Juncaceae	<i>Juncus mertensianus</i>	Native	7
Juncaceae	<i>Juncus nevadensis</i>	Native	8
Juncaceae	<i>Juncus nodosus</i>	Native	5
Juncaceae	<i>Juncus orthophyllus</i>	Unknown / Undetermined	-
Juncaceae	<i>Juncus parryi</i>	Native	7
Juncaceae	<i>Juncus regelii</i>	Unknown / Undetermined	-
Juncaceae	<i>Juncus tenuis</i>	Native	3
Juncaceae	<i>Juncus torreyi</i>	Native	5
Juncaceae	<i>Juncus triglumis</i>	Native	8
Juncaceae	<i>Juncus triglumis</i> var. <i>albescens</i>	Native	9
Juncaceae	<i>Juncus triglumis</i> var. <i>triglumis</i>	Native	8
Juncaceae	<i>Juncus tweedyi</i>	Unknown / Undetermined	-
Juncaceae	<i>Juncus vaseyi</i>	Unknown / Undetermined	-
Cupressaceae	<i>Juniperus communis</i>	Native	-
Cupressaceae	<i>Juniperus horizontalis</i>	Native	-
Cupressaceae	<i>Juniperus osteosperma</i>	Native	-
Cupressaceae	<i>Juniperus scopulorum</i>	Native	-
Ericaceae	<i>Kalmia microphylla</i>	Native	5
Rubiaceae	<i>Kelloggia galionoides</i>	Native	-
Rosaceae	<i>Kelseya uniflora</i>	Native	-
Dipsacaceae	<i>Knautia arvensis</i>	Exotic	0
Cyperaceae	<i>Kobresia myosuroides</i>	Native	7
Cyperaceae	<i>Kobresia sibirica</i>	Native	8
Cyperaceae	<i>Kobresia simpliciuscula</i>	Native	9
Amaranthaceae	<i>Kochia americana</i>	Native	4
Amaranthaceae	<i>Kochia scoparia</i>	Exotic	0
Poaceae	<i>Koeleria macrantha</i>	Native	-
Polygonaceae	<i>Koenigia islandica</i>	Native	10
Amaranthaceae	<i>Krascheninnikovia lanata</i>	Native	-
Asteraceae	<i>Lactuca biennis</i>	Unknown / Undetermined	3
Asteraceae	<i>Lactuca canadensis</i>	Unknown / Undetermined	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Lactuca ludoviciana</i>	Native	3
Asteraceae	<i>Lactuca serriola</i>	Exotic	0
Asteraceae	<i>Lactuca tatarica</i>	Native	4
Asteraceae	<i>Lagophylla ramosissima</i>	Native	-
Lamiaceae	<i>Lamium amplexicaule</i>	Exotic	1
Lamiaceae	<i>Lamium purpureum</i>	Exotic	1
Boraginaceae	<i>Lappula cenchrusoides</i>	Unknown / Undetermined	-
Boraginaceae	<i>Lappula occidentalis</i>	Unknown / Undetermined	-
Boraginaceae	<i>Lappula squarrosa</i>	Exotic	1
Asteraceae	<i>Lapsana communis</i>	Exotic	1
Pinaceae	<i>Larix lyallii</i>	Native	-
Pinaceae	<i>Larix occidentalis</i>	Native	-
Fabaceae	<i>Lathyrus bijugatus</i>	Native	-
Fabaceae	<i>Lathyrus latifolius</i>	Exotic	1
Fabaceae	<i>Lathyrus ochroleucus</i>	Native	-
Fabaceae	<i>Lathyrus sylvestris</i>	Exotic	1
Fabaceae	<i>Lathyrus tuberosus</i>	Exotic	1
Ericaceae	<i>Ledum glandulosum</i>	Native	7
Poaceae	<i>Leersia oryzoides</i>	Native	8
Lemnaceae	<i>Lemna minor</i>	Native	2
Lemnaceae	<i>Lemna trisulca</i>	Native	5
Lemnaceae	<i>Lemna turionifera</i>	Native	2
Lemnaceae	<i>Lemna valdiviana</i>	Native	-
Lamiaceae	<i>Leonurus cardiaca</i>	Exotic	0
Brassicaceae	<i>Lepidium appelianum</i>	Exotic	0
Brassicaceae	<i>Lepidium campestre</i>	Exotic	0
Brassicaceae	<i>Lepidium chalepense</i>	Exotic	0
Brassicaceae	<i>Lepidium densiflorum</i>	Native	3
Brassicaceae	<i>Lepidium densiflorum</i> var. <i>densiflorum</i>	Native	-
Brassicaceae	<i>Lepidium densiflorum</i> var. <i>pubescarpum</i>	Native	-
Brassicaceae	<i>Lepidium densiflorum</i> var. <i>ramosum</i>	Native	-
Brassicaceae	<i>Lepidium draba</i>	Exotic	0
Brassicaceae	<i>Lepidium latifolium</i>	Exotic	0
Brassicaceae	<i>Lepidium montanum</i>	Native	-
Brassicaceae	<i>Lepidium perfoliatum</i>	Exotic	0
Brassicaceae	<i>Lepidium ramosissimum</i>	Native	-
Brassicaceae	<i>Lepidium ramosissimum</i> var. <i>bourgeauanum</i>	Native	-
Brassicaceae	<i>Lepidium ramosissimum</i> var. <i>ramosissimum</i>	Native	-
Brassicaceae	<i>Lepidium sativum</i>	Exotic	1
Brassicaceae	<i>Lepidium virginicum</i>	Exotic	1
Brassicaceae	<i>Lepidium virginicum</i> var. <i>medium</i>	Native	-
Brassicaceae	<i>Lepidium virginicum</i> var. <i>pubescens</i>	Native	-
Saxifragaceae	<i>Leptarrhena pyrolifolia</i>	Native	8
Poaceae	<i>Leptochloa fusca</i>	Exotic	1
Polemoniaceae	<i>Leptodactylon caespitosum</i>	Native	-
Polemoniaceae	<i>Leptodactylon pungens</i>	Native	-
Asteraceae	<i>Leucanthemum vulgare</i>	Exotic	0
Liliaceae	<i>Leucocrinum montanum</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Poaceae	<i>Leucopoa kingii</i>	Native	-
Portulacaceae	<i>Lewisia columbiana</i>	Native	-
Portulacaceae	<i>Lewisia pygmaea</i>	Native	-
Portulacaceae	<i>Lewisia rediviva</i>	Native	-
Portulacaceae	<i>Lewisia triphylla</i>	Native	-
Asteraceae	<i>Liatris ligulistylis</i>	Native	4
Asteraceae	<i>Liatris punctata</i>	Native	-
Apiaceae	<i>Ligusticum canbyi</i>	Native	6
Apiaceae	<i>Ligusticum filicinum</i>	Native	-
Apiaceae	<i>Ligusticum tenuifolium</i>	Native	7
Apiaceae	<i>Ligusticum verticillatum</i>	Native	6
Juncaginaceae	<i>Lilaea scilloides</i>	Native	6
Liliaceae	<i>Lilium columbianum</i>	Native	-
Liliaceae	<i>Lilium philadelphicum</i>	Native	9
Plantaginaceae	<i>Limosella aquatica</i>	Native	4
Polemoniaceae	<i>Linanthastrum nuttallii</i>	Native	5
Polemoniaceae	<i>Linanthus septentrionalis</i>	Native	-
Plantaginaceae	<i>Linaria dalmatica</i>	Exotic	0
Plantaginaceae	<i>Linaria vulgaris</i>	Exotic	0
Caprifoliaceae	<i>Linnaea borealis</i>	Native	-
Linaceae	<i>Linum australe</i>	Native	-
Linaceae	<i>Linum lewisii</i>	Native	-
Linaceae	<i>Linum rigidum</i>	Native	-
Linaceae	<i>Linum rigidum</i> var. <i>compactum</i>	Native	-
Linaceae	<i>Linum rigidum</i> var. <i>rigidum</i>	Native	-
Linaceae	<i>Linum usitatissimum</i>	Exotic	1
Orchidaceae	<i>Liparis loeselii</i>	Native	10
Cyperaceae	<i>Lipocarpha micrantha</i>	Native	-
Orchidaceae	<i>Listera borealis</i>	Native	9
Orchidaceae	<i>Listera caurina</i>	Native	7
Orchidaceae	<i>Listera convallarioides</i>	Native	8
Orchidaceae	<i>Listera cordata</i>	Native	7
Saxifragaceae	<i>Lithophragma glabrum</i>	Native	-
Saxifragaceae	<i>Lithophragma parviflorum</i>	Native	-
Saxifragaceae	<i>Lithophragma tenellum</i>	Native	-
Boraginaceae	<i>Lithospermum arvense</i>	Exotic	0
Boraginaceae	<i>Lithospermum incisum</i>	Native	-
Boraginaceae	<i>Lithospermum ruderale</i>	Native	-
Liliaceae	<i>Lloydia serotina</i>	Native	7
Campanulaceae	<i>Lobelia kalmii</i>	Native	5
Campanulaceae	<i>Lobelia spicata</i>	Native	7
Brassicaceae	<i>Lobularia maritima</i>	Exotic	1
Poaceae	<i>Lolium multiflorum</i>	Exotic	1
Poaceae	<i>Lolium perenne</i>	Exotic	1
Poaceae	<i>Lolium persicum</i>	Exotic	1
Poaceae	<i>Lolium temulentum</i>	Exotic	1
Apiaceae	<i>Lomatium ambiguum</i>	Native	-
Apiaceae	<i>Lomatium attenuatum</i>	Native	-
Apiaceae	<i>Lomatium bicolor</i>	Native	-
Apiaceae	<i>Lomatium cous</i>	Native	-
Apiaceae	<i>Lomatium cusickii</i>	Native	-
Apiaceae	<i>Lomatium dissectum</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Apiaceae	<i>Lomatium foeniculaceum</i>	Native	-
Apiaceae	<i>Lomatium geyeri</i>	Native	-
Apiaceae	<i>Lomatium macrocarpum</i>	Native	-
Apiaceae	<i>Lomatium nuttallii</i>	Native	-
Apiaceae	<i>Lomatium orientale</i>	Native	-
Apiaceae	<i>Lomatium sandbergii</i>	Native	-
Apiaceae	<i>Lomatium triternatum</i>	Native	-
Apiaceae	<i>Lomatium triternatum</i> var. <i>anomalum</i>	Native	-
Apiaceae	<i>Lomatium triternatum</i> var. <i>platycarpum</i>	Native	-
Apiaceae	<i>Lomatium triternatum</i> var. <i>triternatum</i>	Native	-
Gentianaceae	<i>Lomatogonium rotatum</i>	Native	6
Caprifoliaceae	<i>Lonicera caerulea</i>	Native	8
Caprifoliaceae	<i>Lonicera ciliosa</i>	Native	-
Caprifoliaceae	<i>Lonicera involucrata</i>	Native	5
Caprifoliaceae	<i>Lonicera morrowii</i>	Exotic	1
Caprifoliaceae	<i>Lonicera tatarica</i>	Exotic	1
Caprifoliaceae	<i>Lonicera utahensis</i>	Native	4
Asteraceae	<i>Lorandersonia linifolia</i>	Native	-
Fabaceae	<i>Lotus corniculatus</i>	Exotic	1
Fabaceae	<i>Lotus tenuis</i>	Exotic	1
Fabaceae	<i>Lotus unifoliolatus</i>	Native	-
Rosaceae	<i>Luetkea pectinata</i>	Native	-
Fabaceae	<i>Lupinus arbustus</i>	Native	-
Fabaceae	<i>Lupinus argenteus</i>	Native	-
Fabaceae	<i>Lupinus argenteus</i> var. <i>argentatus</i>	Native	-
Fabaceae	<i>Lupinus argenteus</i> var. <i>argenteus</i>	Native	-
Fabaceae	<i>Lupinus argenteus</i> var. <i>depressus</i>	Native	-
Fabaceae	<i>Lupinus argenteus</i> var. <i>parviflorus</i>	Native	-
Fabaceae	<i>Lupinus argenteus</i> var. <i>rubricaulis</i>	Native	-
Fabaceae	<i>Lupinus caudatus</i>	Unknown / Undetermined	-
Fabaceae	<i>Lupinus lepidus</i>	Native	-
Fabaceae	<i>Lupinus lepidus</i> var. <i>utahensis</i>	Unknown / Undetermined	5
Fabaceae	<i>Lupinus leucophyllum</i>	Native	-
Fabaceae	<i>Lupinus polyphyllus</i>	Native	6
Fabaceae	<i>Lupinus polyphyllus</i> var. <i>burkei</i>	Native	-
Fabaceae	<i>Lupinus polyphyllus</i> var. <i>humicola</i>	Native	-
Fabaceae	<i>Lupinus polyphyllus</i> var. <i>prunophilus</i>	Native	-
Fabaceae	<i>Lupinus pusillus</i>	Native	-
Fabaceae	<i>Lupinus sericeus</i>	Native	-
Juncaceae	<i>Luzula arcuata</i>	Native	-
Juncaceae	<i>Luzula divaricata</i>	Native	-
Juncaceae	<i>Luzula hitchcockii</i>	Native	-
Juncaceae	<i>Luzula multiflora</i>	Native	4
Juncaceae	<i>Luzula parviflora</i>	Native	7
Juncaceae	<i>Luzula piperi</i>	Native	8
Juncaceae	<i>Luzula spicata</i>	Native	-
Solanaceae	<i>Lycium barbarum</i>	Exotic	1
Lycopodiaceae	<i>Lycopodium alpinum</i>	Native	9
Lycopodiaceae	<i>Lycopodium annotinum</i>	Native	6
Lycopodiaceae	<i>Lycopodium clavatum</i>	Native	10

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Lycopodiaceae	<i>Lycopodium complanatum</i>	Native	7
Lycopodiaceae	<i>Lycopodium dendroideum</i>	Native	5
Lycopodiaceae	<i>Lycopodium inundatum</i>	Native	10
Lycopodiaceae	<i>Lycopodium lagopus</i>	Native	-
Lycopodiaceae	<i>Lycopodium sitchense</i>	Native	-
Lamiaceae	<i>Lycopus americanus</i>	Native	8
Lamiaceae	<i>Lycopus asper</i>	Native	6
Lamiaceae	<i>Lycopus uniflorus</i>	Native	9
Asteraceae	<i>Lygodesmia juncea</i>	Native	-
Araceae	<i>Lysichiton americanus</i>	Native	8
Myrsinaceae	<i>Lysimachia ciliata</i>	Native	7
Myrsinaceae	<i>Lysimachia thyrsiflora</i>	Native	8
Lythraceae	<i>Lythrum alatum</i>	Unknown / Undetermined	-
Lythraceae	<i>Lythrum salicaria</i>	Exotic	0
Asteraceae	<i>Machaeranthera canescens</i>	Native	3
Asteraceae	<i>Machaeranthera tanacetifolia</i>	Native	-
Asteraceae	<i>Madia exigua</i>	Native	-
Asteraceae	<i>Madia glomerata</i>	Native	-
Asteraceae	<i>Madia gracilis</i>	Unknown / Undetermined	-
Asteraceae	<i>Madia minima</i>	Native	-
Liliaceae	<i>Maianthemum canadense</i>	Native	-
Liliaceae	<i>Maianthemum trifolium</i>	Unknown / Undetermined	-
Asteraceae	<i>Malacothrix torreyi</i>	Native	-
Brassicaceae	<i>Malcolmia africana</i>	Exotic	0
Rosaceae	<i>Malus sylvestris</i>	Exotic	1
Malvaceae	<i>Malva moschata</i>	Exotic	1
Malvaceae	<i>Malva neglecta</i>	Exotic	1
Malvaceae	<i>Malva parviflora</i>	Exotic	1
Lamiaceae	<i>Marrubium vulgare</i>	Exotic	0
Marsileaceae	<i>Marsilea oligospora</i>	Unknown / Undetermined	-
Marsileaceae	<i>Marsilea vestita</i>	Native	4
Asteraceae	<i>Matricaria discoidea</i>	Exotic	0
Fabaceae	<i>Medicago falcata</i>	Exotic	1
Fabaceae	<i>Medicago lupulina</i>	Exotic	0
Fabaceae	<i>Medicago polymorpha</i>	Exotic	1
Fabaceae	<i>Medicago sativa</i>	Exotic	0
Orobanchaceae	<i>Melampyrum lineare</i>	Native	6
Poaceae	<i>Melica bulbosa</i>	Native	-
Poaceae	<i>Melica smithii</i>	Native	-
Poaceae	<i>Melica spectabilis</i>	Native	7
Poaceae	<i>Melica subulata</i>	Native	-
Fabaceae	<i>Melilotus albus</i>	Exotic	0
Fabaceae	<i>Melilotus officinalis</i>	Exotic	0
Lamiaceae	<i>Mentha arvensis</i>	Native	3
Lamiaceae	<i>Mentha spicata</i>	Exotic	1
Loasaceae	<i>Mentzelia albicaulis</i>	Native	-
Loasaceae	<i>Mentzelia decapetala</i>	Native	-
Loasaceae	<i>Mentzelia dispersa</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Loasaceae	<i>Mentzelia laevicaulis</i>	Native	-
Loasaceae	<i>Mentzelia nuda</i>	Native	-
Loasaceae	<i>Mentzelia pumila</i>	Native	-
Menyanthaceae	<i>Menyanthes trifoliata</i>	Native	9
Ericaceae	<i>Menzesia ferruginea</i>	Native	-
Boraginaceae	<i>Mertensia alpina</i>	Native	-
Boraginaceae	<i>Mertensia bella</i>	Native	6
Boraginaceae	<i>Mertensia ciliata</i>	Native	6
Boraginaceae	<i>Mertensia lanceolata</i>	Native	-
Boraginaceae	<i>Mertensia longiflora</i>	Native	-
Boraginaceae	<i>Mertensia oblongifolia</i>	Native	-
Boraginaceae	<i>Mertensia paniculata</i>	Native	7
Saxifragaceae	<i>Micranthes apetala</i>	Native	-
Saxifragaceae	<i>Micranthes ferruginea</i>	Native	8
Saxifragaceae	<i>Micranthes idahoensis</i>	Native	7
Saxifragaceae	<i>Micranthes lyallii</i>	Native	7
Saxifragaceae	<i>Micranthes nidifica</i>	Native	7
Saxifragaceae	<i>Micranthes nivalis</i>	Native	-
Saxifragaceae	<i>Micranthes occidentalis</i>	Native	6
Saxifragaceae	<i>Micranthes odontoloma</i>	Native	7
Saxifragaceae	<i>Micranthes oregana</i>	Native	6
Saxifragaceae	<i>Micranthes rhomboidea</i>	Native	7
Saxifragaceae	<i>Micranthes subapetala</i>	Native	-
Saxifragaceae	<i>Micranthes tempestiva</i>	Native	-
Asteraceae	<i>Microseris nutans</i>	Native	-
Polemoniaceae	<i>Microsteris gracilis</i>	Native	-
Phrymaceae	<i>Mimulus ampliatus</i>	Native	7
Phrymaceae	<i>Mimulus breviflorus</i>	Native	3
Phrymaceae	<i>Mimulus breweri</i>	Native	-
Phrymaceae	<i>Mimulus clivicola</i>	Native	-
Phrymaceae	<i>Mimulus floribundus</i>	Native	3
Phrymaceae	<i>Mimulus glabratus</i>	Native	-
Phrymaceae	<i>Mimulus guttatus</i>	Native	5
Phrymaceae	<i>Mimulus hymenophyllum</i>	Native	-
Phrymaceae	<i>Mimulus lewisii</i>	Native	7
Phrymaceae	<i>Mimulus moschatus</i>	Native	3
Phrymaceae	<i>Mimulus nanus</i>	Native	-
Phrymaceae	<i>Mimulus primuloides</i>	Native	10
Phrymaceae	<i>Mimulus ringens</i>	Native	-
Phrymaceae	<i>Mimulus suksdorfii</i>	Native	4
Phrymaceae	<i>Mimulus tilingii</i>	Native	7
Caryophyllaceae	<i>Minuartia austromontana</i>	Native	-
Caryophyllaceae	<i>Minuartia nuttallii</i>	Native	-
Caryophyllaceae	<i>Minuartia obtusiloba</i>	Native	-
Caryophyllaceae	<i>Minuartia rubella</i>	Native	5
Nyctaginaceae	<i>Mirabilis albida</i>	Unknown / Undetermined	-
Nyctaginaceae	<i>Mirabilis linearis</i>	Native	-
Nyctaginaceae	<i>Mirabilis nyctaginea</i>	Native	-
Saxifragaceae	<i>Mitella breweri</i>	Native	7
Saxifragaceae	<i>Mitella caulescens</i>	Native	5
Saxifragaceae	<i>Mitella nuda</i>	Native	8

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Saxifragaceae	<i>Mitella pentandra</i>	Native	7
Saxifragaceae	<i>Mitella stauropetala</i>	Native	6
Saxifragaceae	<i>Mitella trifida</i>	Native	5
Caryophyllaceae	<i>Moehringia lateriflora</i>	Native	5
Caryophyllaceae	<i>Moehringia macrophylla</i>	Native	-
Molluginaceae	<i>Mollugo verticillata</i>	Exotic	1
Lamiaceae	<i>Monarda fistulosa</i>	Native	-
Ericaceae	<i>Moneses uniflora</i>	Native	8
Amaranthaceae	<i>Monolepis nuttalliana</i>	Native	1
Ericaceae	<i>Monotropa hypopithys</i>	Native	-
Ericaceae	<i>Monotropa uniflora</i>	Native	-
Portulacaceae	<i>Montia chamissoi</i>	Native	4
Portulacaceae	<i>Montia dichotoma</i>	Native	2
Portulacaceae	<i>Montia linearis</i>	Native	4
Portulacaceae	<i>Montia parvifolia</i>	Native	2
Poaceae	<i>Muhlenbergia andina</i>	Native	-
Poaceae	<i>Muhlenbergia asperifolia</i>	Native	7
Poaceae	<i>Muhlenbergia cuspidata</i>	Native	-
Poaceae	<i>Muhlenbergia filiformis</i>	Native	4
Poaceae	<i>Muhlenbergia glomerata</i>	Native	8
Poaceae	<i>Muhlenbergia mexicana</i>	Native	-
Poaceae	<i>Muhlenbergia minutissima</i>	Native	2
Poaceae	<i>Muhlenbergia montana</i>	Unknown / Undetermined	-
Poaceae	<i>Muhlenbergia racemosa</i>	Native	3
Poaceae	<i>Muhlenbergia richardsonis</i>	Native	4
Poaceae	<i>Munroa squarrosa</i>	Native	-
Apiaceae	<i>Musineon divaricatum</i>	Native	-
Apiaceae	<i>Musineon vaginatum</i>	Native	-
Asteraceae	<i>Mycelis muralis</i>	Exotic	1
Boraginaceae	<i>Myosotis arvensis</i>	Exotic	0
Boraginaceae	<i>Myosotis asiatica</i>	Native	7
Boraginaceae	<i>Myosotis laxa</i>	Native	4
Boraginaceae	<i>Myosotis scorpioides</i>	Exotic	0
Boraginaceae	<i>Myosotis stricta</i>	Exotic	0
Boraginaceae	<i>Myosotis verna</i>	Unknown / Undetermined	-
Ranunculaceae	<i>Myosurus apetalus</i>	Native	4
Ranunculaceae	<i>Myosurus apetalus var. borealis</i>	Native	-
Ranunculaceae	<i>Myosurus apetalus var. montanus</i>	Native	-
Ranunculaceae	<i>Myosurus minimus</i>	Native	4
Haloragaceae	<i>Myriophyllum quitense</i>	Native	4
Haloragaceae	<i>Myriophyllum sibiricum</i>	Native	3
Haloragaceae	<i>Myriophyllum spicatum</i>	Exotic	0
Haloragaceae	<i>Myriophyllum verticillatum</i>	Unknown / Undetermined	4
Najadaceae	<i>Najas flexilis</i>	Native	7
Najadaceae	<i>Najas guadalupensis</i>	Native	7
Hydrophyllaceae	<i>Nama densum</i>	Native	-
Polemoniaceae	<i>Navarretia divaricata</i>	Unknown / Undetermined	-
Polemoniaceae	<i>Navarretia intertexta</i>	Native	6

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Polemoniaceae	<i>Navarretia intertexta</i> ssp. <i>propinqua</i>	Native	-
Polemoniaceae	<i>Navarretia saximontana</i>	Native	4
Hydrophyllaceae	<i>Nemophila breviflora</i>	Native	-
Lamiaceae	<i>Nepeta cataria</i>	Exotic	0
Solanaceae	<i>Nicotiana attenuata</i>	Native	3
Brassicaceae	<i>Noccaea fendleri</i>	Native	-
Brassicaceae	<i>Noccaea parviflora</i>	Native	-
Asteraceae	<i>Nothocalais cuspidata</i>	Native	-
Asteraceae	<i>Nothocalais nigrescens</i>	Native	-
Asteraceae	<i>Nothocalais troximoides</i>	Native	-
Nymphaeaceae	<i>Nuphar polysepala</i>	Native	5
Nymphaeaceae	<i>Nuphar variegata</i>	Native	5
Plantaginaceae	<i>Nuttallanthus texanus</i>	Native	-
Nymphaeaceae	<i>Nymphaea leibergii</i>	Native	9
Nymphaeaceae	<i>Nymphaea odorata</i>	Exotic	0
Onagraceae	<i>Oenothera albicaulis</i>	Native	-
Onagraceae	<i>Oenothera caespitosa</i>	Native	-
Onagraceae	<i>Oenothera elata</i>	Unknown / Undetermined	-
Onagraceae	<i>Oenothera flava</i>	Native	2
Onagraceae	<i>Oenothera nuttallii</i>	Native	-
Onagraceae	<i>Oenothera pallida</i> ssp. <i>pallida</i>	Native	-
Onagraceae	<i>Oenothera perennis</i>	Unknown / Undetermined	-
Onagraceae	<i>Oenothera villosa</i>	Native	1
Fabaceae	<i>Onobrychis viciifolia</i>	Exotic	1
Asteraceae	<i>Onopordum acanthium</i>	Exotic	0
Boraginaceae	<i>Onosmodium molle</i>	Native	-
Ophioglossaceae	<i>Ophioglossum pusillum</i>	Native	4
Araliaceae	<i>Oplopanax horridus</i>	Native	7
Cactaceae	<i>Opuntia fragilis</i>	Native	-
Cactaceae	<i>Opuntia polyacantha</i>	Native	-
Asteraceae	<i>Oreostemma alpigenum</i>	Native	4
Lamiaceae	<i>Origanum vulgare</i>	Exotic	1
Orobanchaceae	<i>Orobanche corymbosa</i>	Native	-
Orobanchaceae	<i>Orobanche fasciculata</i>	Native	-
Orobanchaceae	<i>Orobanche ludoviciana</i>	Native	-
Orobanchaceae	<i>Orobanche uniflora</i>	Native	-
Apiaceae	<i>Orogenia linearifolia</i>	Native	-
Ericaceae	<i>Orthilia secunda</i>	Native	-
Orobanchaceae	<i>Orthocarpus luteus</i>	Native	-
Orobanchaceae	<i>Orthocarpus tenuifolius</i>	Native	-
Orobanchaceae	<i>Orthocarpus tolmiei</i>	Native	-
Poaceae	<i>Oryzopsis asperifolia</i>	Native	-
Poaceae	<i>Oryzopsis contracta</i>	Native	-
Poaceae	<i>Oryzopsis exigua</i>	Native	-
Poaceae	<i>Oryzopsis hymenoides</i>	Native	-
Poaceae	<i>Oryzopsis micrantha</i>	Native	-
Apiaceae	<i>Osmorrhiza berteroii</i>	Native	4
Apiaceae	<i>Osmorrhiza depauperata</i>	Native	-
Apiaceae	<i>Osmorrhiza longistylis</i>	Native	6
Apiaceae	<i>Osmorrhiza occidentalis</i>	Native	6

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Apiaceae	<i>Osmorhiza purpurea</i>	Native	6
Oxalidaceae	<i>Oxalis corniculata</i>	Exotic	1
Oxalidaceae	<i>Oxalis dillenii</i>	Unknown / Undetermined	-
Oxalidaceae	<i>Oxalis stricta</i>	Native	-
Polygonaceae	<i>Oxyria digyna</i>	Native	5
Fabaceae	<i>Oxytropis besseyi</i>	Native	-
Fabaceae	<i>Oxytropis besseyi</i> var. <i>argophylla</i>	Native	-
Fabaceae	<i>Oxytropis besseyi</i> var. <i>besseyi</i>	Native	-
Fabaceae	<i>Oxytropis besseyi</i> var. <i>fallax</i>	Native	-
Fabaceae	<i>Oxytropis besseyi</i> var. <i>ventosa</i>	Unknown / Undetermined	-
Fabaceae	<i>Oxytropis borealis</i>	Native	-
Fabaceae	<i>Oxytropis campestris</i>	Native	-
Fabaceae	<i>Oxytropis campestris</i> var. <i>columbiana</i>	Native	-
Fabaceae	<i>Oxytropis campestris</i> var. <i>cusickii</i>	Native	-
Fabaceae	<i>Oxytropis campestris</i> var. <i>gracilis</i>	Native	-
Fabaceae	<i>Oxytropis deflexa</i>	Native	-
Fabaceae	<i>Oxytropis deflexa</i> var. <i>foliolosa</i>	Native	-
Fabaceae	<i>Oxytropis deflexa</i> var. <i>sericea</i>	Native	-
Fabaceae	<i>Oxytropis lagopus</i>	Native	-
Fabaceae	<i>Oxytropis lagopus</i> var. <i>atropurpurea</i>	Native	-
Fabaceae	<i>Oxytropis lagopus</i> var. <i>conjugans</i>	Native	-
Fabaceae	<i>Oxytropis lagopus</i> var. <i>lagopus</i>	Native	-
Fabaceae	<i>Oxytropis lambertii</i>	Native	-
Fabaceae	<i>Oxytropis parryi</i>	Native	-
Fabaceae	<i>Oxytropis podocarpa</i>	Native	-
Fabaceae	<i>Oxytropis riparia</i>	Exotic	0
Fabaceae	<i>Oxytropis sericea</i>	Native	-
Fabaceae	<i>Oxytropis sericea</i> var. <i>sericea</i>	Native	-
Fabaceae	<i>Oxytropis sericea</i> var. <i>speciosa</i>	Native	-
Fabaceae	<i>Oxytropis splendens</i>	Native	3
Paeoniaceae	<i>Paeonia brownii</i>	Unknown / Undetermined	-
Poaceae	<i>Panicum capillare</i>	Native	1
Poaceae	<i>Panicum miliaceum</i>	Exotic	0
Poaceae	<i>Panicum virgatum</i>	Native	4
Papaveraceae	<i>Papaver argemone</i>	Exotic	1
Papaveraceae	<i>Papaver pygmaeum</i>	Native	-
Papaveraceae	<i>Papaver radicatum</i> ssp. <i>kluanensis</i>	Native	-
Papaveraceae	<i>Papaver rhoes</i>	Exotic	1
Papaveraceae	<i>Papaver somniferum</i>	Exotic	1
Urticaceae	<i>Parietaria pensylvanica</i>	Native	3
Saxifragaceae	<i>Parnassia fimbriata</i>	Native	7
Saxifragaceae	<i>Parnassia kotzebuei</i>	Native	9
Saxifragaceae	<i>Parnassia palustris</i>	Native	4
Saxifragaceae	<i>Parnassia palustris</i> var. <i>montanensis</i>	Native	-
Saxifragaceae	<i>Parnassia palustris</i> var. <i>parviflora</i>	Native	9
Caryophyllaceae	<i>Paronychia sessiliflora</i>	Native	-
Vitaceae	<i>Parthenocissus quinquefolia</i>	Exotic	1
Vitaceae	<i>Parthenocissus vitacea</i>	Native	4
Apiaceae	<i>Pastinaca sativa</i>	Exotic	0

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Celastraceae	<i>Paxistima myrsinoides</i>	Native	-
Orobanchaceae	<i>Pedicularis bracteosa</i>	Native	-
Orobanchaceae	<i>Pedicularis bracteosa</i> var. <i>bracteosa</i>	Native	-
Orobanchaceae	<i>Pedicularis bracteosa</i> var. <i>canbyi</i>	Native	-
Orobanchaceae	<i>Pedicularis bracteosa</i> var. <i>paysoniana</i>	Native	-
Orobanchaceae	<i>Pedicularis contorta</i>	Native	-
Orobanchaceae	<i>Pedicularis contorta</i> var. <i>contorta</i>	Native	-
Orobanchaceae	<i>Pedicularis contorta</i> var. <i>ctenophora</i>	Native	-
Orobanchaceae	<i>Pedicularis contorta</i> var. <i>rubicunda</i>	Native	-
Orobanchaceae	<i>Pedicularis crenulata</i>	Native	6
Orobanchaceae	<i>Pedicularis cystopteridifolia</i>	Native	-
Orobanchaceae	<i>Pedicularis groenlandica</i>	Native	7
Orobanchaceae	<i>Pedicularis oederi</i>	Native	-
Orobanchaceae	<i>Pedicularis parryi</i>	Native	5
Orobanchaceae	<i>Pedicularis pulchella</i>	Native	-
Orobanchaceae	<i>Pedicularis racemosa</i>	Native	-
Cactaceae	<i>Pediocactus simpsonii</i>	Native	-
Fabaceae	<i>Pediomelum argophyllum</i>	Native	-
Fabaceae	<i>Pediomelum cuspidatum</i>	Unknown / Undetermined	-
Fabaceae	<i>Pediomelum esculentum</i>	Native	-
Fabaceae	<i>Pediomelum hypogaeum</i>	Native	-
Pteridaceae	<i>Pellaea breweri</i>	Native	-
Pteridaceae	<i>Pellaea glabella</i>	Native	-
Plantaginaceae	<i>Penstemon albertinus</i>	Native	-
Plantaginaceae	<i>Penstemon albidus</i>	Native	-
Plantaginaceae	<i>Penstemon angustifolius</i>	Native	-
Plantaginaceae	<i>Penstemon arenicola</i>	Unknown / Undetermined	-
Plantaginaceae	<i>Penstemon aridus</i>	Native	-
Plantaginaceae	<i>Penstemon attenuatus</i>	Native	5
Plantaginaceae	<i>Penstemon attenuatus</i> var. <i>attenuatus</i>	Native	-
Plantaginaceae	<i>Penstemon attenuatus</i> var. <i>pseudoprocerus</i>	Native	-
Plantaginaceae	<i>Penstemon caryi</i>	Native	-
Plantaginaceae	<i>Penstemon confertus</i>	Native	-
Plantaginaceae	<i>Penstemon cyaneus</i>	Native	-
Plantaginaceae	<i>Penstemon deustus</i>	Native	-
Plantaginaceae	<i>Penstemon diphylloides</i>	Native	-
Plantaginaceae	<i>Penstemon ellipticus</i>	Native	-
Plantaginaceae	<i>Penstemon eriantherus</i>	Native	-
Plantaginaceae	<i>Penstemon eriantherus</i> var. <i>cleburnei</i>	Unknown / Undetermined	-
Plantaginaceae	<i>Penstemon flavescens</i>	Native	-
Plantaginaceae	<i>Penstemon fruticosus</i>	Native	-
Plantaginaceae	<i>Penstemon glaber</i>	Native	-
Plantaginaceae	<i>Penstemon globosus</i>	Native	-
Plantaginaceae	<i>Penstemon gracilis</i>	Native	-
Plantaginaceae	<i>Penstemon grandiflorus</i>	Native	-
Plantaginaceae	<i>Penstemon humilis</i>	Native	-
Plantaginaceae	<i>Penstemon laricifolius</i>	Native	-
Plantaginaceae	<i>Penstemon lemhiensis</i>	Native	-
Plantaginaceae	<i>Penstemon lyallii</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Plantaginaceae	<i>Penstemon montanus</i>	Native	-
Plantaginaceae	<i>Penstemon nitidus</i>	Native	-
Plantaginaceae	<i>Penstemon nitidus</i> var. <i>nitidus</i>	Native	-
Plantaginaceae	<i>Penstemon nitidus</i> var. <i>polyphyllus</i>	Native	-
Plantaginaceae	<i>Penstemon payettensis</i>	Native	-
Plantaginaceae	<i>Penstemon procerus</i>	Native	5
Plantaginaceae	<i>Penstemon radicosus</i>	Native	-
Plantaginaceae	<i>Penstemon rydbergii</i>	Native	5
Plantaginaceae	<i>Penstemon whippleanus</i>	Native	-
Plantaginaceae	<i>Penstemon wilcoxii</i>	Native	-
Apiaceae	<i>Perideridia gairdneri</i>	Native	4
Asteraceae	<i>Petasites frigidus</i>	Native	8
Asteraceae	<i>Petasites frigidus</i> var. <i>frigidus</i>	Native	9
Asteraceae	<i>Petasites frigidus</i> var. <i>sagittatus</i>	Native	8
Rosaceae	<i>Petrophytum caespitosum</i>	Native	-
Hydrophyllaceae	<i>Phacelia bakeri</i>	Unknown / Undetermined	-
Hydrophyllaceae	<i>Phacelia franklinii</i>	Native	-
Hydrophyllaceae	<i>Phacelia glandulosa</i>	Native	-
Hydrophyllaceae	<i>Phacelia hastata</i>	Native	-
Hydrophyllaceae	<i>Phacelia heterophylla</i>	Native	3
Hydrophyllaceae	<i>Phacelia incana</i>	Native	-
Hydrophyllaceae	<i>Phacelia ivesiana</i>	Native	-
Hydrophyllaceae	<i>Phacelia linearis</i>	Native	-
Hydrophyllaceae	<i>Phacelia lyallii</i>	Native	-
Hydrophyllaceae	<i>Phacelia scopolina</i>	Native	-
Hydrophyllaceae	<i>Phacelia sericea</i>	Native	-
Hydrophyllaceae	<i>Phacelia thermalis</i>	Native	-
Poaceae	<i>Phalaris arundinacea</i>	Native/Exotic	0
Poaceae	<i>Phalaris canariensis</i>	Exotic	1
Thelypteridaceae	<i>Phegopteris connectilis</i>	Native	-
Hydrangeaceae	<i>Philadelphus lewisii</i>	Native	-
Poaceae	<i>Phippsia algida</i>	Native	10
Poaceae	<i>Phleum alpinum</i>	Native	7
Poaceae	<i>Phleum pratense</i>	Exotic	0
Polemoniaceae	<i>Phlox albomarginata</i>	Native	-
Polemoniaceae	<i>Phlox alyssifolia</i>	Native	-
Polemoniaceae	<i>Phlox andicola</i>	Native	-
Polemoniaceae	<i>Phlox austromontana</i>	Native	-
Polemoniaceae	<i>Phlox caespitosa</i>	Native	-
Polemoniaceae	<i>Phlox diffusa</i>	Native	-
Polemoniaceae	<i>Phlox hoodii</i>	Native	-
Polemoniaceae	<i>Phlox kelseyi</i>	Native	5
Polemoniaceae	<i>Phlox kelseyi</i> ssp. <i>kelseyi</i>	Native	-
Polemoniaceae	<i>Phlox kelseyi</i> var. <i>missoulensis</i>	Native	-
Polemoniaceae	<i>Phlox longifolia</i>	Native	-
Polemoniaceae	<i>Phlox multiflora</i>	Native	-
Polemoniaceae	<i>Phlox muscoides</i>	Native	-
Polemoniaceae	<i>Phlox pulvinata</i>	Native	-
Polemoniaceae	<i>Phlox speciosa</i>	Native	-
Poaceae	<i>Phragmites australis</i>	Native	4
Ericaceae	<i>Phyllodoce empetrifoliformis</i>	Native	7

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Ericaceae	<i>Phyllodoce glanduliflora</i>	Native	7
Ericaceae	<i>Phyllodoce x intermedia</i>	Native	-
Solanaceae	<i>Physalis hederifolia</i>	Unknown / Undetermined	-
Solanaceae	<i>Physalis heterophylla</i>	Native	-
Solanaceae	<i>Physalis longifolia</i>	Native	-
Solanaceae	<i>Physalis pumila</i> ssp. <i>hispida</i>	Unknown / Undetermined	-
Brassicaceae	<i>Physaria acutifolia</i>	Native	-
Brassicaceae	<i>Physaria arenosa</i>	Native	-
Brassicaceae	<i>Physaria brassicoides</i>	Native	-
Brassicaceae	<i>Physaria carinata</i>	Native	-
Brassicaceae	<i>Physaria curvipes</i>	Native	-
Brassicaceae	<i>Physaria didymocarpa</i>	Native	-
Brassicaceae	<i>Physaria didymocarpa</i> var. <i>lanata</i>	Native	-
Brassicaceae	<i>Physaria douglasii</i>	Native	-
Brassicaceae	<i>Physaria eriocarpa</i>	Native	-
Brassicaceae	<i>Physaria geyeri</i>	Native	-
Brassicaceae	<i>Physaria humilis</i>	Native	-
Brassicaceae	<i>Physaria klausii</i>	Native	-
Brassicaceae	<i>Physaria lesicci</i>	Native	-
Brassicaceae	<i>Physaria ludoviciana</i>	Native	-
Brassicaceae	<i>Physaria pachyphylla</i>	Native	-
Brassicaceae	<i>Physaria pulchella</i>	Native	-
Brassicaceae	<i>Physaria pycnantha</i>	Native	-
Brassicaceae	<i>Physaria saximontana</i>	Native	-
Brassicaceae	<i>Physaria saximontana</i> var. <i>dentata</i>	Native	-
Brassicaceae	<i>Physaria spatulata</i>	Native	-
Rosaceae	<i>Physocarpus malvaceus</i>	Native	-
Rosaceae	<i>Physocarpus monogynus</i>	Native	-
Lamiaceae	<i>Physostegia parviflora</i>	Native	7
Pinaceae	<i>Picea engelmannii</i>	Native	4
Pinaceae	<i>Picea glauca</i>	Native	-
Asteraceae	<i>Picradeniopsis oppositifolia</i>	Native	-
Apiaceae	<i>Pimpinella saxifraga</i>	Exotic	1
Lentibulariaceae	<i>Pinguicula macroceras</i>	Native	9
Pinaceae	<i>Pinus albicaulis</i>	Native	-
Pinaceae	<i>Pinus contorta</i>	Native	3
Pinaceae	<i>Pinus flexilis</i>	Native	-
Pinaceae	<i>Pinus monticola</i>	Native	-
Pinaceae	<i>Pinus ponderosa</i>	Native	-
Orchidaceae	<i>Piperia elegans</i>	Native	-
Orchidaceae	<i>Piperia elongata</i>	Native	-
Orchidaceae	<i>Piperia unalascensis</i>	Native	6
Boraginaceae	<i>Plagiobothrys leptocladus</i>	Native	6
Boraginaceae	<i>Plagiobothrys scouleri</i>	Native	2
Boraginaceae	<i>Plagiobothrys stipitatus</i>	Unknown / Undetermined	-
Plantaginaceae	<i>Plantago canescens</i>	Native	-
Plantaginaceae	<i>Plantago elongata</i>	Native	3
Plantaginaceae	<i>Plantago eriopoda</i>	Native	7
Plantaginaceae	<i>Plantago hirtella</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Plantaginaceae	<i>Plantago lanceolata</i>	Exotic	1
Plantaginaceae	<i>Plantago major</i>	Exotic	1
Plantaginaceae	<i>Plantago patagonica</i>	Native	-
Plantaginaceae	<i>Plantago tweedyi</i>	Native	-
Orchidaceae	<i>Platanthera aquilonis</i>	Native	8
Orchidaceae	<i>Platanthera dilatata</i>	Native	5
Orchidaceae	<i>Platanthera huronensis</i>	Native	8
Orchidaceae	<i>Platanthera obtusata</i>	Native	10
Orchidaceae	<i>Platanthera orbiculata</i>	Native	9
Orchidaceae	<i>Platanthera stricta</i>	Native	7
Asteraceae	<i>Platyschkuhria integrifolia</i>	Native	-
Valerianaceae	<i>Plectritis macrocera</i>	Native	-
Asteraceae	<i>Pleiacanthus spinosus</i>	Native	-
Poaceae	<i>Poa abbreviata</i> ssp. <i>pattersonii</i>	Native	-
Poaceae	<i>Poa alpina</i>	Native	5
Poaceae	<i>Poa annua</i>	Exotic	1
Poaceae	<i>Poa arctica</i>	Native	4
Poaceae	<i>Poa arida</i>	Native	4
Poaceae	<i>Poa arnowiae</i>	Native	-
Poaceae	<i>Poa bulbosa</i>	Exotic	0
Poaceae	<i>Poa compressa</i>	Exotic	0
Poaceae	<i>Poa cusickii</i>	Native	-
Poaceae	<i>Poa fendleriana</i>	Native	-
Poaceae	<i>Poa glauca</i>	Native	-
Poaceae	<i>Poa interior</i>	Native	3
Poaceae	<i>Poa laxa</i> ssp. <i>banffiana</i>	Native	-
Poaceae	<i>Poa leptocoma</i>	Native	8
Poaceae	<i>Poa lettermanii</i>	Native	-
Poaceae	<i>Poa palustris</i>	Native/Exotic	3
Poaceae	<i>Poa pratensis</i>	Exotic	0
Poaceae	<i>Poa reflexa</i>	Native	3
Poaceae	<i>Poa secunda</i>	Native	3
Poaceae	<i>Poa stenantha</i>	Native	4
Poaceae	<i>Poa trivialis</i>	Exotic	1
Poaceae	<i>Poa wheeleri</i>	Native	-
Cleomaceae	<i>Polanisia dodecandra</i>	Native	-
Polemoniaceae	<i>Polemonium micranthum</i>	Native	-
Polemoniaceae	<i>Polemonium occidentale</i>	Native	6
Polemoniaceae	<i>Polemonium pulcherrimum</i>	Native	-
Polemoniaceae	<i>Polemonium viscosum</i>	Native	-
Polygalaceae	<i>Polygala alba</i>	Native	-
Polygalaceae	<i>Polygala verticillata</i>	Native	-
Polygonaceae	<i>Polygonum achoreum</i>	Native	-
Polygonaceae	<i>Polygonum amphibium</i>	Native	6
Polygonaceae	<i>Polygonum austinae</i>	Native	-
Polygonaceae	<i>Polygonum aviculare</i>	Exotic	0
Polygonaceae	<i>Polygonum bistortoides</i>	Native	6
Polygonaceae	<i>Polygonum convolvulus</i>	Exotic	0
Polygonaceae	<i>Polygonum cuspidatum</i>	Exotic	0
Polygonaceae	<i>Polygonum douglasii</i>	Native	3
Polygonaceae	<i>Polygonum engelmannii</i>	Native	-
Polygonaceae	<i>Polygonum erectum</i>	Native	2

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Polygonaceae	<i>Polygonum hydropiper</i>	Exotic	1
Polygonaceae	<i>Polygonum lapathifolium</i>	Unknown / Undetermined	2
Polygonaceae	<i>Polygonum majus</i>	Native	-
Polygonaceae	<i>Polygonum minimum</i>	Native	5
Polygonaceae	<i>Polygonum pensylvanicum</i>	Unknown / Undetermined	-
Polygonaceae	<i>Polygonum persicaria</i>	Exotic	1
Polygonaceae	<i>Polygonum phytolaccifolium</i>	Native	3
Polygonaceae	<i>Polygonum polygaloides</i>	Native	4
Polygonaceae	<i>Polygonum polygaloides</i> ssp. <i>confertiflorum</i>	Native	-
Polygonaceae	<i>Polygonum polygaloides</i> ssp. <i>kelloggii</i>	Native	-
Polygonaceae	<i>Polygonum punctatum</i>	Native	4
Polygonaceae	<i>Polygonum ramosissimum</i>	Unknown / Undetermined	-
Polygonaceae	<i>Polygonum sachalinense</i>	Exotic	-
Polygonaceae	<i>Polygonum sawatchense</i>	Native	-
Polygonaceae	<i>Polygonum spargulariiforme</i>	Native	-
Polygonaceae	<i>Polygonum viviparum</i>	Native	7
Polygonaceae	<i>Polygonum x bohemicum</i>	Exotic	0
Polypodiaceae	<i>Polypodium hesperium</i>	Native	-
Poaceae	<i>Polypogon monspeliensis</i>	Exotic	1
Dryopteridaceae	<i>Polystichum andersonii</i>	Native	-
Dryopteridaceae	<i>Polystichum kruckebergii</i>	Native	-
Dryopteridaceae	<i>Polystichum lonchitis</i>	Native	-
Dryopteridaceae	<i>Polystichum munitum</i>	Native	-
Dryopteridaceae	<i>Polystichum scopolinum</i>	Native	-
Salicaceae	<i>Populus alba</i>	Exotic	1
Salicaceae	<i>Populus angustifolia</i>	Native	5
Salicaceae	<i>Populus balsamifera</i>	Native	5
Salicaceae	<i>Populus deltoides</i>	Native	4
Salicaceae	<i>Populus tremuloides</i>	Native	5
Salicaceae	<i>Populus x acuminata</i>	Native	5
Salicaceae	<i>Populus x brayshawii</i>	Native	-
Portulacaceae	<i>Portulaca oleracea</i>	Exotic	1
Potamogetonaceae	<i>Potamogeton alpinus</i>	Native	7
Potamogetonaceae	<i>Potamogeton amplifolius</i>	Native	10
Potamogetonaceae	<i>Potamogeton crispus</i>	Exotic	0
Potamogetonaceae	<i>Potamogeton diversifolius</i>	Native	6
Potamogetonaceae	<i>Potamogeton epihydrus</i>	Native	7
Potamogetonaceae	<i>Potamogeton filiformis</i>	Native	6
Potamogetonaceae	<i>Potamogeton foliosus</i>	Native	6
Potamogetonaceae	<i>Potamogeton friesii</i>	Native	7
Potamogetonaceae	<i>Potamogeton gramineus</i>	Native	6
Potamogetonaceae	<i>Potamogeton illinoensis</i>	Native	6
Potamogetonaceae	<i>Potamogeton natans</i>	Native	6
Potamogetonaceae	<i>Potamogeton nodosus</i>	Native	6
Potamogetonaceae	<i>Potamogeton obtusifolius</i>	Native	8
Potamogetonaceae	<i>Potamogeton pectinatus</i>	Native	5
Potamogetonaceae	<i>Potamogeton praelongus</i>	Native	6
Potamogetonaceae	<i>Potamogeton pusillus</i>	Native	7

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Potamogetonaceae	<i>Potamogeton richardsonii</i>	Native	6
Potamogetonaceae	<i>Potamogeton robbinsii</i>	Native	7
Potamogetonaceae	<i>Potamogeton strictifolius</i>	Native	7
Potamogetonaceae	<i>Potamogeton vaginatus</i>	Native	7
Potamogetonaceae	<i>Potamogeton zosteriformis</i>	Native	9
Rosaceae	<i>Potentilla argentea</i>	Exotic	1
Rosaceae	<i>Potentilla biennis</i>	Native	4
Rosaceae	<i>Potentilla bipinnatifida</i>	Native	-
Rosaceae	<i>Potentilla brevifolia</i>	Native	-
Rosaceae	<i>Potentilla concinna</i>	Native	-
Rosaceae	<i>Potentilla concinna</i> var. <i>concinna</i>	Native	-
Rosaceae	<i>Potentilla concinna</i> var. <i>divisa</i>	Native	-
Rosaceae	<i>Potentilla diversifolia</i>	Native	6
Rosaceae	<i>Potentilla diversifolia</i> var. <i>diversifolia</i>	Native	-
Rosaceae	<i>Potentilla diversifolia</i> var. <i>perdissecta</i>	Native	-
Rosaceae	<i>Potentilla drummondii</i>	Native	-
Rosaceae	<i>Potentilla flabellifolia</i>	Native	8
Rosaceae	<i>Potentilla fruticosa</i>	Native	3
Rosaceae	<i>Potentilla gracilis</i>	Native	4
Rosaceae	<i>Potentilla gracilis</i> var. <i>brunnescens</i>	Native	-
Rosaceae	<i>Potentilla gracilis</i> var. <i>elmeri</i>	Native	-
Rosaceae	<i>Potentilla gracilis</i> var. <i>fastigiata</i>	Native	-
Rosaceae	<i>Potentilla gracilis</i> var. <i>flabelliformis</i>	Native	-
Rosaceae	<i>Potentilla gracilis</i> var. <i>pulcherrima</i>	Native	-
Rosaceae	<i>Potentilla hippiana</i>	Native	-
Rosaceae	<i>Potentilla hookeriana</i>	Native	-
Rosaceae	<i>Potentilla hyparctica</i>	Native	-
Rosaceae	<i>Potentilla macounii</i>	Native	-
Rosaceae	<i>Potentilla multisecta</i>	Native	-
Rosaceae	<i>Potentilla nivea</i>	Native	-
Rosaceae	<i>Potentilla nivea</i> var. <i>pentaphylla</i>	Native	-
Rosaceae	<i>Potentilla norvegica</i>	Unknown / Undetermined	2
Rosaceae	<i>Potentilla ovina</i>	Native	-
Rosaceae	<i>Potentilla paradoxa</i>	Native	5
Rosaceae	<i>Potentilla pensylvanica</i>	Native	-
Rosaceae	<i>Potentilla plattensis</i>	Native	6
Rosaceae	<i>Potentilla recta</i>	Exotic	0
Rosaceae	<i>Potentilla rivalis</i>	Native	4
Rosaceae	<i>Potentilla rubricaulis</i>	Native	-
Rosaceae	<i>Potentilla uniflora</i>	Native	-
Asteraceae	<i>Prenanthes racemosa</i>	Unknown / Undetermined	-
Asteraceae	<i>Prenanthes sagittata</i>	Native	-
Primulaceae	<i>Primula alcalina</i>	Native	6
Primulaceae	<i>Primula incana</i>	Native	5
Primulaceae	<i>Primula parryi</i>	Native	8
Liliaceae	<i>Prosartes hookeri</i>	Native	-
Liliaceae	<i>Prosartes trachycarpa</i>	Native	-
Lamiaceae	<i>Prunella vulgaris</i>	Native/Exotic	-
Lamiaceae	<i>Prunella vulgaris</i> ssp. <i>lanceolata</i>	Native	2
Lamiaceae	<i>Prunella vulgaris</i> ssp. <i>vulgaris</i>	Exotic	0

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Rosaceae	<i>Prunus americana</i>	Native	-
Rosaceae	<i>Prunus cerasus</i>	Exotic	1
Rosaceae	<i>Prunus emarginata</i>	Native	5
Rosaceae	<i>Prunus mahaleb</i>	Exotic	1
Rosaceae	<i>Prunus pensylvanica</i>	Native	-
Rosaceae	<i>Prunus pumila</i>	Native	-
Rosaceae	<i>Prunus virginiana</i>	Native	3
Pinaceae	<i>Pseudotsuga menziesii</i>	Native	-
Asteraceae	<i>Psilocarphus brevissimus</i>	Native	8
Asteraceae	<i>Psilocarphus elatior</i>	Unknown / Undetermined	-
Asteraceae	<i>Psilocarphus tenellus</i>	Unknown / Undetermined	-
Fabaceae	<i>Psoralidium lanceolatum</i>	Native	-
Fabaceae	<i>Psoralidium tenuiflorum</i>	Native	-
Dennstaedtiaceae	<i>Pteridium aquilinum</i>	Native	-
Ericaceae	<i>Pterospora andromedea</i>	Native	-
Poaceae	<i>Puccinellia distans</i>	Exotic	4
Poaceae	<i>Puccinellia lemmontii</i>	Native	7
Poaceae	<i>Puccinellia nuttalliana</i>	Native	6
Rosaceae	<i>Purshia tridentata</i>	Native	-
Ericaceae	<i>Pyrola asarifolia</i>	Native	6
Ericaceae	<i>Pyrola chlorantha</i>	Native	8
Ericaceae	<i>Pyrola elliptica</i>	Native	-
Ericaceae	<i>Pyrola minor</i>	Native	-
Ericaceae	<i>Pyrola picta</i>	Native	-
Asteraceae	<i>Pyrrocoma carthamoides</i>	Native	-
Asteraceae	<i>Pyrrocoma carthamoides</i> var. <i>carthamoides</i>	Native	-
Asteraceae	<i>Pyrrocoma carthamoides</i> var. <i>subsquarrosa</i>	Native	-
Asteraceae	<i>Pyrrocoma integrifolia</i>	Native	4
Asteraceae	<i>Pyrrocoma lanceolata</i>	Native	4
Asteraceae	<i>Pyrrocoma uniflora</i>	Native	6
Fagaceae	<i>Quercus macrocarpa</i>	Native	-
Ranunculaceae	<i>Ranunculus abortivus</i>	Native	3
Ranunculaceae	<i>Ranunculus acriformis</i>	Native	6
Ranunculaceae	<i>Ranunculus acris</i>	Exotic	0
Ranunculaceae	<i>Ranunculus adoneus</i>	Unknown / Undetermined	-
Ranunculaceae	<i>Ranunculus alismifolius</i>	Native	7
Ranunculaceae	<i>Ranunculus alismifolius</i> var. <i>alismellus</i>	Native	-
Ranunculaceae	<i>Ranunculus alismifolius</i> var. <i>alismifolius</i>	Native	-
Ranunculaceae	<i>Ranunculus alismifolius</i> var. <i>davisii</i>	Native	-
Ranunculaceae	<i>Ranunculus aquatilis</i>	Native	4
Ranunculaceae	<i>Ranunculus cardiophyllus</i>	Native	9
Ranunculaceae	<i>Ranunculus cymbalaria</i>	Native	3
Ranunculaceae	<i>Ranunculus eschscholtzii</i>	Native	7
Ranunculaceae	<i>Ranunculus eschscholtzii</i> var. <i>eschscholtzii</i>	Native	-
Ranunculaceae	<i>Ranunculus eschscholtzii</i> var. <i>eximius</i>	Native	-
Ranunculaceae	<i>Ranunculus eschscholtzii</i> var. <i>suksdorffii</i>	Native	-
Ranunculaceae	<i>Ranunculus flammula</i>	Native	4
Ranunculaceae	<i>Ranunculus glaberrimus</i>	Native	4
Ranunculaceae	<i>Ranunculus glaberrimus</i> var. <i>ellipticus</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Ranunculaceae	<i>Ranunculus glaberrimus</i> var. <i>glaberrimus</i>	Native	-
Ranunculaceae	<i>Ranunculus gmelinii</i>	Native	4
Ranunculaceae	<i>Ranunculus grayi</i>	Native	9
Ranunculaceae	<i>Ranunculus hyperboreus</i>	Native	9
Ranunculaceae	<i>Ranunculus inamoenus</i>	Native	6
Ranunculaceae	<i>Ranunculus jovis</i>	Native	4
Ranunculaceae	<i>Ranunculus macounii</i>	Native	5
Ranunculaceae	<i>Ranunculus orthorhynchus</i>	Native	8
Ranunculaceae	<i>Ranunculus pedatifidus</i>	Native	9
Ranunculaceae	<i>Ranunculus pensylvanicus</i>	Native	4
Ranunculaceae	<i>Ranunculus populago</i>	Native	7
Ranunculaceae	<i>Ranunculus pygmaeus</i>	Native	9
Ranunculaceae	<i>Ranunculus repens</i>	Exotic	1
Ranunculaceae	<i>Ranunculus rhomboideus</i>	Unknown / Undetermined	-
Ranunculaceae	<i>Ranunculus sceleratus</i>	Native	4
Ranunculaceae	<i>Ranunculus sulphureus</i>	Native	-
Ranunculaceae	<i>Ranunculus testiculatus</i>	Exotic	0
Ranunculaceae	<i>Ranunculus uncinatus</i>	Native	2
Brassicaceae	<i>Raphanus raphanistrum</i>	Exotic	1
Brassicaceae	<i>Raphanus sativus</i>	Exotic	1
Asteraceae	<i>Ratibida columnifera</i>	Native	
Resedaceae	<i>Reseda lutea</i>	Exotic	1
Rhamnaceae	<i>Rhamnus alnifolia</i>	Native	4
Rhamnaceae	<i>Rhamnus cathartica</i>	Exotic	0
Orobanchaceae	<i>Rhinanthus minor</i>	Native	-
Ericaceae	<i>Rhododendron albiflorum</i>	Native	8
Anacardiaceae	<i>Rhus glabra</i>	Native	-
Anacardiaceae	<i>Rhus trilobata</i>	Native	-
Grossulariaceae	<i>Ribes americanum</i>	Native	6
Grossulariaceae	<i>Ribes aureum</i>	Native	5
Grossulariaceae	<i>Ribes cereum</i>	Native	-
Grossulariaceae	<i>Ribes hudsonianum</i>	Native	7
Grossulariaceae	<i>Ribes inerme</i>	Native	5
Grossulariaceae	<i>Ribes lacustre</i>	Native	6
Grossulariaceae	<i>Ribes laxiflorum</i>	Native	-
Grossulariaceae	<i>Ribes montigenum</i>	Native	-
Grossulariaceae	<i>Ribes oxyacanthoides</i>	Native	6
Grossulariaceae	<i>Ribes oxyacanthoides</i> ssp. <i>hendersonii</i>	Native	7
Grossulariaceae	<i>Ribes oxyacanthoides</i> ssp. <i>irriguum</i>	Native	4
Grossulariaceae	<i>Ribes oxyacanthoides</i> ssp. <i>setosum</i>	Native	3
Grossulariaceae	<i>Ribes rubrum</i>	Exotic	1
Grossulariaceae	<i>Ribes triste</i>	Native	7
Grossulariaceae	<i>Ribes viscosissimum</i>	Native	4
Fabaceae	<i>Robinia pseudoacacia</i>	Exotic	1
Hydrophyllaceae	<i>Romanzoffia sitchensis</i>	Native	10
Brassicaceae	<i>Rorippa alpina</i>	Native	4
Brassicaceae	<i>Rorippa austriaca</i>	Exotic	1
Brassicaceae	<i>Rorippa calycina</i>	Native	-
Brassicaceae	<i>Rorippa curvipes</i>	Native	4
Brassicaceae	<i>Rorippa curvisiliqua</i>	Native	4
Brassicaceae	<i>Rorippa microphylla</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Brassicaceae	<i>Rorippa nasturtium-aquaticum</i>	Exotic	0
Brassicaceae	<i>Rorippa palustris</i>	Native	4
Brassicaceae	<i>Rorippa palustris</i> ssp. <i>hispida</i>	Native	-
Brassicaceae	<i>Rorippa palustris</i> ssp. <i>occidentalis</i>	Native	-
Brassicaceae	<i>Rorippa palustris</i> var. <i>fernaldiana</i>	Native	-
Brassicaceae	<i>Rorippa sinuata</i>	Native	4
Brassicaceae	<i>Rorippa sylvestris</i>	Exotic	1
Brassicaceae	<i>Rorippa tenerrima</i>	Native	4
Brassicaceae	<i>Rorippa truncata</i>	Native	4
Rosaceae	<i>Rosa acicularis</i>	Native	-
Rosaceae	<i>Rosa arkansana</i>	Native	-
Rosaceae	<i>Rosa blanda</i>	Unknown / Undetermined	-
Rosaceae	<i>Rosa gymnocarpa</i>	Native	-
Rosaceae	<i>Rosa nutkana</i>	Native	5
Rosaceae	<i>Rosa woodsii</i>	Native	-
Lythraceae	<i>Rotala ramosior</i>	Native	3
Rosaceae	<i>Rubus arcticus</i>	Native	10
Rosaceae	<i>Rubus discolor</i>	Exotic	0
Rosaceae	<i>Rubus idaeus</i>	Native	-
Rosaceae	<i>Rubus idaeus</i> ssp. <i>idaeus</i>	Native	-
Rosaceae	<i>Rubus idaeus</i> ssp. <i>strigosus</i>	Native	-
Rosaceae	<i>Rubus laciniatus</i>	Exotic	1
Rosaceae	<i>Rubus leucodermis</i>	Native	5
Rosaceae	<i>Rubus parviflorus</i>	Native	3
Rosaceae	<i>Rubus pedatus</i>	Native	-
Rosaceae	<i>Rubus pubescens</i>	Native	7
Rosaceae	<i>Rubus ursinus</i>	Native	-
Asteraceae	<i>Rudbeckia hirta</i>	Unknown / Undetermined	-
Asteraceae	<i>Rudbeckia laciniata</i>	Native	5
Asteraceae	<i>Rudbeckia occidentalis</i>	Native	7
Polygonaceae	<i>Rumex acetosa</i>	Unknown / Undetermined	9
Polygonaceae	<i>Rumex acetosella</i>	Exotic	1
Polygonaceae	<i>Rumex crispus</i>	Exotic	1
Polygonaceae	<i>Rumex fueginus</i>	Native	6
Polygonaceae	<i>Rumex hymenosepalus</i>	Native	-
Polygonaceae	<i>Rumex obtusifolius</i>	Exotic	1
Polygonaceae	<i>Rumex occidentalis</i>	Native	4
Polygonaceae	<i>Rumex patientia</i>	Exotic	1
Polygonaceae	<i>Rumex paucifolius</i>	Native	4
Polygonaceae	<i>Rumex salicifolius</i>	Native	7
Polygonaceae	<i>Rumex salicifolius</i> var. <i>montigenitus</i>	Native	-
Polygonaceae	<i>Rumex salicifolius</i> var. <i>triangulivalvis</i>	Native	-
Polygonaceae	<i>Rumex stenophyllus</i>	Exotic	1
Polygonaceae	<i>Rumex venosus</i>	Native	3
Ruppiaceae	<i>Ruppia maritima</i>	Native	8
Caryophyllaceae	<i>Sagina nivalis</i>	Native	-
Caryophyllaceae	<i>Sagina procumbens</i>	Exotic	1
Caryophyllaceae	<i>Sagina saginoides</i>	Native	3
Alismataceae	<i>Sagittaria cuneata</i>	Native	7

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Alismataceae	<i>Sagittaria latifolia</i>	Native	7
Amaranthaceae	<i>Salicornia rubra</i>	Native	7
Salicaceae	<i>Salix amygdaloides</i>	Native	7
Salicaceae	<i>Salix arctica</i>	Native	7
Salicaceae	<i>Salix barclayi</i>	Native	8
Salicaceae	<i>Salix barrattiana</i>	Native	10
Salicaceae	<i>Salix bebbiana</i>	Native	4
Salicaceae	<i>Salix boothii</i>	Native	6
Salicaceae	<i>Salix brachycarpa</i>	Native	6
Salicaceae	<i>Salix candida</i>	Native	9
Salicaceae	<i>Salix cascadensis</i>	Native	-
Salicaceae	<i>Salix commutata</i>	Native	7
Salicaceae	<i>Salix discolor</i>	Native	4
Salicaceae	<i>Salix drummondiana</i>	Native	5
Salicaceae	<i>Salix eastwoodiae</i>	Native	7
Salicaceae	<i>Salix eriocephala</i>	Native	4
Salicaceae	<i>Salix eriocephala</i> var. <i>famelica</i>	Native	-
Salicaceae	<i>Salix eriocephala</i> var. <i>mackenzieana</i>	Native	7
Salicaceae	<i>Salix eriocephala</i> var. <i>watsonii</i>	Native	6
Salicaceae	<i>Salix exigua</i>	Native	4
Salicaceae	<i>Salix exigua</i> ssp. <i>exigua</i>	Native	-
Salicaceae	<i>Salix exigua</i> ssp. <i>interior</i>	Native	-
Salicaceae	<i>Salix farriae</i>	Native	7
Salicaceae	<i>Salix fragilis</i>	Exotic	0
Salicaceae	<i>Salix geyeriana</i>	Native	6
Salicaceae	<i>Salix glauca</i>	Native	7
Salicaceae	<i>Salix lasiandra</i>	Native	4
Salicaceae	<i>Salix lasiandra</i> var. <i>caudata</i>	Native	5
Salicaceae	<i>Salix lasiandra</i> var. <i>lasiandra</i>	Native	-
Salicaceae	<i>Salix lemmmonii</i>	Native	6
Salicaceae	<i>Salix melanopsis</i>	Native	5
Salicaceae	<i>Salix pentandra</i>	Exotic	0
Salicaceae	<i>Salix petiolaris</i>	Unknown / Undetermined	-
Salicaceae	<i>Salix planifolia</i>	Native	7
Salicaceae	<i>Salix pseudomonticola</i>	Native	7
Salicaceae	<i>Salix reticulata</i>	Native	5
Salicaceae	<i>Salix rotundifolia</i>	Native	8
Salicaceae	<i>Salix scouleriana</i>	Native	4
Salicaceae	<i>Salix serissima</i>	Native	9
Salicaceae	<i>Salix sitchensis</i>	Native	8
Salicaceae	<i>Salix tweedyi</i>	Native	7
Salicaceae	<i>Salix vestita</i>	Native	7
Salicaceae	<i>Salix wolfii</i>	Native	7
Salicaceae	<i>Salix wolfii</i> var. <i>idahoensis</i>	Native	-
Salicaceae	<i>Salix wolfii</i> var. <i>wolfii</i>	Native	-
Amaranthaceae	<i>Salsola collina</i>	Exotic	1
Amaranthaceae	<i>Salsola tragus</i>	Exotic	0
Lamiaceae	<i>Salvia nemorosa</i>	Exotic	1
Lamiaceae	<i>Salvia reflexa</i>	Unknown / Undetermined	-
Lamiaceae	<i>Salvia sclarea</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Lamiaceae	<i>Salvia x sylvestris</i>	Exotic	1
Caprifoliaceae	<i>Sambucus cerulea</i>	Native	4
Caprifoliaceae	<i>Sambucus racemosa</i>	Native	-
Brassicaceae	<i>Sandbergia perplexa</i>	Native	-
Rosaceae	<i>Sanguisorba annua</i>	Native	-
Rosaceae	<i>Sanguisorba minor</i>	Exotic	1
Apiaceae	<i>Sanicula graveolens</i>	Native	-
Apiaceae	<i>Sanicula marilandica</i>	Native	5
Caryophyllaceae	<i>Saponaria officinalis</i>	Exotic	0
Sarcobataceae	<i>Sarcobatus vermiculatus</i>	Native	4
Lamiaceae	<i>Satureja acinos</i>	Exotic	1
Lamiaceae	<i>Satureja douglasii</i>	Native	-
Lamiaceae	<i>Satureja vulgaris</i>	Exotic	1
Asteraceae	<i>Saussurea americana</i>	Native	6
Asteraceae	<i>Saussurea densa</i>	Native	-
Asteraceae	<i>Saussurea weberi</i>	Native	-
Saxifragaceae	<i>Saxifraga adscendens</i>	Native	6
Saxifragaceae	<i>Saxifraga bronchialis</i>	Native	-
Saxifragaceae	<i>Saxifraga cernua</i>	Native	8
Saxifragaceae	<i>Saxifraga cespitosa</i>	Native	6
Saxifragaceae	<i>Saxifraga chrysanthia</i>	Native	-
Saxifragaceae	<i>Saxifraga flagellaris</i>	Native	-
Saxifragaceae	<i>Saxifraga hirculus</i>	Native	-
Saxifragaceae	<i>Saxifraga hyperborea</i>	Native	-
Saxifragaceae	<i>Saxifraga mertensiana</i>	Native	7
Saxifragaceae	<i>Saxifraga oppositifolia</i>	Native	5
Saxifragaceae	<i>Saxifraga rivularis</i>	Native	8
Saxifragaceae	<i>Saxifraga tolmiei</i>	Native	7
Poaceae	<i>Schedonnardus paniculatus</i>	Native	-
Poaceae	<i>Schedonorus arundinaceus</i>	Exotic	0
Poaceae	<i>Schedonorus pratensis</i>	Exotic	0
Scheuchzeriaceae	<i>Scheuchzeria palustris</i>	Native	10
Poaceae	<i>Schizachne purpurascens</i>	Native	-
Poaceae	<i>Schizachyrium scoparium</i>	Native	-
Brassicaceae	<i>Schoenocrambe linifolia</i>	Native	-
Cyperaceae	<i>Schoenoplectus acutus</i>	Native	5
Cyperaceae	<i>Schoenoplectus americanus</i>	Native	6
Cyperaceae	<i>Schoenoplectus fluviatilis</i>		4
Cyperaceae	<i>Schoenoplectus heterochaetus</i>	Native	8
Cyperaceae	<i>Schoenoplectus pungens</i>	Native	6
Cyperaceae	<i>Schoenoplectus subterminalis</i>	Native	9
Cyperaceae	<i>Schoenoplectus tabernaemontani</i>	Native	6
Cyperaceae	<i>Scirpus atrocinctus</i>	Native	4
Cyperaceae	<i>Scirpus atrovirens</i>	Native	-
Cyperaceae	<i>Scirpus cyperinus</i>	Native	1
Cyperaceae	<i>Scirpus microcarpus</i>	Native	5
Cyperaceae	<i>Scirpus pallidus</i>	Native	4
Cyperaceae	<i>Scirpus pendulus</i>	Native	-
Caryophyllaceae	<i>Scleranthus annuus</i>	Exotic	1
Poaceae	<i>Sclerochloa dura</i>	Exotic	1
Poaceae	<i>Scolochloa festucacea</i>	Native	-
Asteraceae	<i>Scorzonera laciniata</i>	Exotic	0

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Scrophulariaceae	<i>Scrophularia lanceolata</i>	Native	4
Lamiaceae	<i>Scutellaria galericulata</i>	Native	6
Poaceae	<i>Secale cereale</i>	Exotic	1
Crassulaceae	<i>Sedum acre</i>	Exotic	1
Crassulaceae	<i>Sedum borschii</i>	Native	-
Crassulaceae	<i>Sedum debile</i>	Native	-
Crassulaceae	<i>Sedum integrifolium</i>	Native	-
Crassulaceae	<i>Sedum lanceolatum</i>	Native	-
Crassulaceae	<i>Sedum rhodanthum</i>	Native	8
Crassulaceae	<i>Sedum stenopetalum</i>	Native	-
Selaginellaceae	<i>Selaginella densa</i>	Native	-
Selaginellaceae	<i>Selaginella densa</i> var. <i>densa</i>	Native	-
Selaginellaceae	<i>Selaginella densa</i> var. <i>scopulorum</i>	Native	-
Selaginellaceae	<i>Selaginella densa</i> var. <i>standleyi</i>	Native	-
Selaginellaceae	<i>Selaginella selaginoides</i>	Native	8
Selaginellaceae	<i>Selaginella wallacei</i>	Native	-
Selaginellaceae	<i>Selaginella watsonii</i>	Native	-
Asteraceae	<i>Senecio amplexens</i>	Native	-
Asteraceae	<i>Senecio canus</i>	Native	-
Asteraceae	<i>Senecio congestus</i>	Unknown / Undetermined	-
Asteraceae	<i>Senecio conterminus</i>	Native	-
Asteraceae	<i>Senecio crassulus</i>	Native	7
Asteraceae	<i>Senecio cymbalariaeoides</i>	Native	7
Asteraceae	<i>Senecio debilis</i>	Native	8
Asteraceae	<i>Senecio dimorphophyllus</i>	Native	7
Asteraceae	<i>Senecio dimorphophyllus</i> var. <i>dimorphophyllus</i>	Native	-
Asteraceae	<i>Senecio dimorphophyllus</i> var. <i>paysonii</i>	Native	-
Asteraceae	<i>Senecio elmeri</i>	Native	-
Asteraceae	<i>Senecio eremophilus</i>	Native	4
Asteraceae	<i>Senecio fremontii</i>	Native	-
Asteraceae	<i>Senecio fuscatus</i>	Native	-
Asteraceae	<i>Senecio hydrophiloides</i>	Native	5
Asteraceae	<i>Senecio hydrophilus</i>	Native	5
Asteraceae	<i>Senecio indecorus</i>	Native	6
Asteraceae	<i>Senecio integerrimus</i>	Native	7
Asteraceae	<i>Senecio integerrimus</i> var. <i>exaltatus</i>	Native	-
Asteraceae	<i>Senecio integerrimus</i> var. <i>integerrimus</i>	Native	-
Asteraceae	<i>Senecio integerrimus</i> var. <i>ochroleucus</i>	Unknown / Undetermined	-
Asteraceae	<i>Senecio integerrimus</i> var. <i>scribneri</i>	Native	-
Asteraceae	<i>Senecio jacobaea</i>	Exotic	0
Asteraceae	<i>Senecio lugens</i>	Native	5
Asteraceae	<i>Senecio megacephalus</i>	Native	-
Asteraceae	<i>Senecio pauciflorus</i>	Native	-
Asteraceae	<i>Senecio pauperculus</i>	Native	5
Asteraceae	<i>Senecio plattensis</i>	Native	-
Asteraceae	<i>Senecio pseudoaureus</i>	Native	7
Asteraceae	<i>Senecio serra</i>	Native	5
Asteraceae	<i>Senecio sphaerocephalus</i>	Native	6
Asteraceae	<i>Senecio streptanthifolius</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Senecio triangularis</i>	Native	5
Asteraceae	<i>Senecio vulgaris</i>	Exotic	0
Asteraceae	<i>Senecio wernerifolius</i>	Native	-
Poaceae	<i>Setaria italica</i>	Exotic	1
Poaceae	<i>Setaria pumila</i>	Exotic	1
Poaceae	<i>Setaria verticillata</i>	Exotic	1
Poaceae	<i>Setaria viridis</i>	Exotic	1
Elaeagnaceae	<i>Shepherdia argentea</i>	Native	-
Elaeagnaceae	<i>Shepherdia canadensis</i>	Native	-
Apiaceae	<i>Shoshonea pulvinata</i>	Native	-
Rosaceae	<i>Sibbaldia procumbens</i>	Native	-
Malvaceae	<i>Sidalcea oregana</i>	Native	3
Caryophyllaceae	<i>Silene acaulis</i>	Native	-
Caryophyllaceae	<i>Silene antirrhina</i>	Native	-
Caryophyllaceae	<i>Silene conoidea</i>	Exotic	1
Caryophyllaceae	<i>Silene csereii</i>	Exotic	1
Caryophyllaceae	<i>Silene dichotoma</i>	Exotic	1
Caryophyllaceae	<i>Silene dioica</i>	Exotic	1
Caryophyllaceae	<i>Silene douglasii</i>	Native	-
Caryophyllaceae	<i>Silene drummondii</i>	Native	-
Caryophyllaceae	<i>Silene flos-cuculi</i>	Exotic	1
Caryophyllaceae	<i>Silene hitchcurrei</i>	Native	8
Caryophyllaceae	<i>Silene latifolia</i>	Exotic	0
Caryophyllaceae	<i>Silene menziesii</i>	Native	6
Caryophyllaceae	<i>Silene noctiflora</i>	Exotic	1
Caryophyllaceae	<i>Silene oregana</i>	Native	-
Caryophyllaceae	<i>Silene parryi</i>	Native	-
Caryophyllaceae	<i>Silene repens</i>	Native	-
Caryophyllaceae	<i>Silene scouleri</i>	Native	-
Caryophyllaceae	<i>Silene spaldingii</i>	Native	-
Caryophyllaceae	<i>Silene uralensis</i>	Native	6
Caryophyllaceae	<i>Silene vulgaris</i>	Exotic	1
Brassicaceae	<i>Sinapis alba</i>	Exotic	1
Brassicaceae	<i>Sinapis arvensis</i>	Exotic	1
Brassicaceae	<i>Sisymbrium altissimum</i>	Exotic	0
Brassicaceae	<i>Sisymbrium loeselii</i>	Exotic	0
Brassicaceae	<i>Sisymbrium officinale</i>	Exotic	0
Iridaceae	<i>Sisyrinchium idahoense</i>	Native	6
Iridaceae	<i>Sisyrinchium montanum</i>	Native	6
Iridaceae	<i>Sisyrinchium septentrionale</i>	Native	8
Apiaceae	<i>Sium suave</i>	Native	7
Brassicaceae	<i>Smelowskia calycina</i>	Native	-
Liliaceae	<i>Smilacina racemosa</i>	Native	4
Liliaceae	<i>Smilacina stellata</i>	Native	4
Smilacaceae	<i>Smilax lasioneura</i>	Native	8
Solanaceae	<i>Solanum dulcamara</i>	Exotic	0
Solanaceae	<i>Solanum nigrum</i>	Unknown / Undetermined	-
Solanaceae	<i>Solanum physalifolium</i>	Exotic	1
Solanaceae	<i>Solanum rostratum</i>	Unknown / Undetermined	-
Solanaceae	<i>Solanum triflorum</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Asteraceae	<i>Solidago canadensis</i>	Native	3
Asteraceae	<i>Solidago canadensis</i> var. <i>gilvocanescens</i>	Native	-
Asteraceae	<i>Solidago canadensis</i> var. <i>salebrosa</i>	Native	-
Asteraceae	<i>Solidago gigantea</i>	Native	6
Asteraceae	<i>Solidago missouriensis</i>	Native	-
Asteraceae	<i>Solidago mollis</i>	Native	-
Asteraceae	<i>Solidago multiradiata</i>	Native	-
Asteraceae	<i>Solidago nana</i>	Native	-
Asteraceae	<i>Solidago nemoralis</i>	Native	-
Asteraceae	<i>Solidago ptarmicoides</i>	Native	-
Asteraceae	<i>Solidago rigida</i>	Native	-
Asteraceae	<i>Solidago simplex</i>	Native	-
Asteraceae	<i>Solidago velutina</i>	Native	-
Asteraceae	<i>Sonchus arvensis</i>	Exotic	0
Asteraceae	<i>Sonchus arvensis</i> ssp. <i>arvensis</i>	Exotic	0
Asteraceae	<i>Sonchus arvensis</i> ssp. <i>uliginosus</i>	Exotic	0
Asteraceae	<i>Sonchus asper</i>	Exotic	0
Asteraceae	<i>Sonchus oleraceus</i>	Exotic	0
Rosaceae	<i>Sorbus aucuparia</i>	Exotic	1
Rosaceae	<i>Sorbus scopulina</i>	Native	-
Rosaceae	<i>Sorbus sitchensis</i>	Native	5
Poaceae	<i>Sorghastrum nutans</i>	Native	-
Poaceae	<i>Sorghum halepense</i>	Exotic	1
Sparganiaceae	<i>Sparganium angustifolium</i>	Native	7
Sparganiaceae	<i>Sparganium eurycarpum</i>	Native	7
Sparganiaceae	<i>Sparganium natans</i>	Native	6
Poaceae	<i>Spartina gracilis</i>	Native	6
Poaceae	<i>Spartina pectinata</i>	Native	6
Caryophyllaceae	<i>Spergula arvensis</i>	Exotic	0
Caryophyllaceae	<i>Spergularia media</i>	Exotic	1
Caryophyllaceae	<i>Spergularia rubra</i>	Exotic	0
Caryophyllaceae	<i>Spergularia salina</i>	Unknown / Undetermined	8
Malvaceae	<i>Sphaeralcea coccinea</i>	Native	-
Malvaceae	<i>Sphaeralcea munroana</i>	Native	-
Asteraceae	<i>Sphaeromeria argentea</i>	Native	-
Asteraceae	<i>Sphaeromeria capitata</i>	Native	-
Fabaceae	<i>Sphaerophysa salsula</i>	Exotic	1
Poaceae	<i>Sphenopholis intermedia</i>	Native	-
Poaceae	<i>Sphenopholis obtusata</i>	Native	7
Rosaceae	<i>Spiraea betulifolia</i>	Native	-
Rosaceae	<i>Spiraea douglasii</i>	Native	5
Rosaceae	<i>Spiraea splendens</i>	Native	-
Rosaceae	<i>Spiraea x pyramidata</i>	Native	-
Orchidaceae	<i>Spiranthes diluvialis</i>	Native	6
Orchidaceae	<i>Spiranthes romanzoffiana</i>	Native	6
Lemnaceae	<i>Spirodela polyrrhiza</i>	Native	7
Poaceae	<i>Sporobolus airoides</i>	Native	4
Poaceae	<i>Sporobolus compositus</i>	Native	-
Poaceae	<i>Sporobolus cryptandrus</i>	Native	-
Poaceae	<i>Sporobolus heterolepis</i>	Native	-
Poaceae	<i>Sporobolus neglectus</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Poaceae	<i>Sporobolus vaginiflorus</i>	Unknown / Undetermined	-
Lamiaceae	<i>Stachys palustris</i>	Native	6
Brassicaceae	<i>Stanleya pinnata</i>	Native	-
Brassicaceae	<i>Stanleya pinnata</i> var. <i>integrifolia</i>	Native	-
Brassicaceae	<i>Stanleya pinnata</i> var. <i>pinnata</i>	Native	-
Brassicaceae	<i>Stanleya tomentosa</i>	Native	-
Brassicaceae	<i>Stanleya viridiflora</i>	Native	-
Caryophyllaceae	<i>Stellaria americana</i>	Native	-
Caryophyllaceae	<i>Stellaria borealis</i>	Native	6
Caryophyllaceae	<i>Stellaria calycantha</i>	Native	6
Caryophyllaceae	<i>Stellaria crassifolia</i>	Native	5
Caryophyllaceae	<i>Stellaria crispa</i>	Native	4
Caryophyllaceae	<i>Stellaria graminea</i>	Exotic	1
Caryophyllaceae	<i>Stellaria jamesiana</i>	Native	-
Caryophyllaceae	<i>Stellaria longifolia</i>	Native	6
Caryophyllaceae	<i>Stellaria longipes</i>	Native	7
Caryophyllaceae	<i>Stellaria media</i>	Exotic	0
Caryophyllaceae	<i>Stellaria nitens</i>	Native	-
Caryophyllaceae	<i>Stellaria obtusa</i>	Native	3
Caryophyllaceae	<i>Stellaria umbellata</i>	Native	7
Liliaceae	<i>Stenanthium occidentale</i>	Native	7
Asteraceae	<i>Stenotus acaulis</i>	Native	-
Asteraceae	<i>Stenotus armerioides</i>	Native	-
Asteraceae	<i>Stenotus lanuginosus</i>	Native	-
Asteraceae	<i>Stenotus multicaulis</i>	Native	-
Asteraceae	<i>Stephanomeria runcinata</i>	Native	-
Asteraceae	<i>Stephanomeria tenuifolia</i>	Native	-
Poaceae	<i>Stipa comata</i>	Native	-
Poaceae	<i>Stipa curtiseta</i>	Native	-
Poaceae	<i>Stipa lemmonii</i>	Unknown / Undetermined	-
Poaceae	<i>Stipa lettermanii</i>	Native	-
Poaceae	<i>Stipa nelsonii</i>	Native	6
Poaceae	<i>Stipa occidentalis</i>	Native	-
Poaceae	<i>Stipa pinetorum</i>	Native	-
Poaceae	<i>Stipa richardsonii</i>	Native	-
Poaceae	<i>Stipa spartea</i>	Native	-
Poaceae	<i>Stipa thurberiana</i>	Native	-
Poaceae	<i>Stipa viridula</i>	Native	-
Brassicaceae	<i>Streptanthella longirostris</i>	Native	-
Liliaceae	<i>Streptopus amplexifolius</i>	Native	7
Liliaceae	<i>Streptopus lanceolatus</i>	Native	-
Amaranthaceae	<i>Suaeda calceoliformis</i>	Native	3
Amaranthaceae	<i>Suaeda nigra</i>	Native	6
Amaranthaceae	<i>Suaeda occidentalis</i>	Native	4
Amaranthaceae	<i>Suckleya suckleyana</i>	Native	3
Saxifragaceae	<i>Suksdorfia ranunculifolia</i>	Native	7
Saxifragaceae	<i>Suksdorfia violacea</i>	Native	8
Saxifragaceae	<i>Sullivantia hapemanii</i>	Native	10
Gentianaceae	<i>Swertia perennis</i>	Native	7
Caprifoliaceae	<i>Symphoricarpos albus</i>	Native	3

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Caprifoliaceae	<i>Symphoricarpos occidentalis</i>	Native	4
Caprifoliaceae	<i>Symphoricarpos oreophilus</i>	Native	-
Asteraceae	<i>Symphyotrichum ascendens</i>	Native	2
Asteraceae	<i>Symphyotrichum boreale</i>	Native	7
Asteraceae	<i>Symphyotrichum campestre</i>	Native	-
Asteraceae	<i>Symphyotrichum ciliatum</i>	Native	6
Asteraceae	<i>Symphyotrichum ciliolatum</i>	Native	5
Asteraceae	<i>Symphyotrichum cusickii</i>	Native	-
Asteraceae	<i>Symphyotrichum eatonii</i>	Native	5
Asteraceae	<i>Symphyotrichum ericoides</i>	Native	6
Asteraceae	<i>Symphyotrichum falcatum</i>	Native	-
Asteraceae	<i>Symphyotrichum foliaceum</i>	Native	5
Asteraceae	<i>Symphyotrichum foliaceum</i> var. <i>apricum</i>	Native	-
Asteraceae	<i>Symphyotrichum foliaceum</i> var. <i>foliaceum</i>	Native	-
Asteraceae	<i>Symphyotrichum foliaceum</i> var. <i>parryi</i>	Native	-
Asteraceae	<i>Symphyotrichum hendersonii</i>	Native	-
Asteraceae	<i>Symphyotrichum laeve</i>	Native	-
Asteraceae	<i>Symphyotrichum lanceolatum</i>	Native	4
Asteraceae	<i>Symphyotrichum molle</i>	Native	-
Asteraceae	<i>Symphyotrichum oblongifolium</i>	Native	-
Asteraceae	<i>Symphyotrichum spathulatum</i>	Native	5
Asteraceae	<i>Symphyotrichum subspicatum</i>	Native	6
Boraginaceae	<i>Symphytum officinale</i>	Exotic	0
Plantaginaceae	<i>Synthyris canbyi</i>	Native	-
Plantaginaceae	<i>Synthyris missurica</i>	Native	-
Plantaginaceae	<i>Synthyris pinnatifida</i>	Native	-
Tamaricaceae	<i>Tamarix ramosissima</i>	Exotic	0
Asteraceae	<i>Tanacetum balsamita</i>	Exotic	1
Asteraceae	<i>Tanacetum parthenium</i>	Exotic	1
Asteraceae	<i>Tanacetum vulgare</i>	Exotic	0
Asteraceae	<i>Taraxacum ceratophorum</i>	Native	-
Asteraceae	<i>Taraxacum erythrospermum</i>	Exotic	0
Asteraceae	<i>Taraxacum lyratum</i>	Native	-
Asteraceae	<i>Taraxacum officinale</i>	Exotic	0
Taxaceae	<i>Taxus brevifolia</i>	Native	-
Saxifragaceae	<i>Telesonix heucheriformis</i>	Native	-
Saxifragaceae	<i>Tellima grandiflora</i>	Native	-
Asteraceae	<i>Tetradymia canescens</i>	Native	-
Asteraceae	<i>Tetradymia spinosa</i>	Unknown / Undetermined	-
Lamiaceae	<i>Teucrium canadense</i>	Native	6
Ranunculaceae	<i>Thalictrum alpinum</i>	Native	9
Ranunculaceae	<i>Thalictrum dasycarpum</i>	Native	5
Ranunculaceae	<i>Thalictrum fendleri</i>	Unknown / Undetermined	-
Ranunculaceae	<i>Thalictrum occidentale</i>	Native	5
Ranunculaceae	<i>Thalictrum sparsiflorum</i>	Native	5
Ranunculaceae	<i>Thalictrum venulosum</i>	Native	4
Asteraceae	<i>Thelesperma megapotamicum</i>	Unknown / Undetermined	-
Asteraceae	<i>Thelesperma subnudum</i>	Native	-
Brassicaceae	<i>Thelypodium integrifolium</i>	Native	6

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Brassicaceae	<i>Thelypodium paniculatum</i>	Native	-
Brassicaceae	<i>Thelypodium sagittatum</i>	Native	6
Fabaceae	<i>Thermopsis montana</i>	Native	6
Fabaceae	<i>Thermopsis montana</i> var. <i>montana</i>	Native	-
Fabaceae	<i>Thermopsis montana</i> var. <i>ovata</i>	Native	-
Fabaceae	<i>Thermopsis rhombifolia</i>	Native	-
Santalaceae	<i>Thesium arvense</i>	Exotic	1
Brassicaceae	<i>Thlaspi arvense</i>	Exotic	0
Cupressaceae	<i>Thuja plicata</i>	Native	7
Lamiaceae	<i>Thymus praecox</i>	Exotic	1
Saxifragaceae	<i>Tiarella trifoliata</i>	Native	5
Crassulaceae	<i>Tillaea aquatica</i>	Native	6
Liliaceae	<i>Tofieldia pusilla</i>	Native	9
Asteraceae	<i>Tonestus aberrans</i>	Native	-
Asteraceae	<i>Tonestus lyallii</i>	Native	-
Asteraceae	<i>Tonestus pygmaeus</i>	Native	-
Poaceae	<i>Torreyochloa pallida</i>	Native	7
Asteraceae	<i>Townsendia condensata</i>	Native	-
Asteraceae	<i>Townsendia exscapa</i>	Native	-
Asteraceae	<i>Townsendia florifer</i>	Native	-
Asteraceae	<i>Townsendia hookeri</i>	Native	-
Asteraceae	<i>Townsendia incana</i>	Native	-
Asteraceae	<i>Townsendia leptotes</i>	Native	-
Asteraceae	<i>Townsendia montana</i>	Native	-
Asteraceae	<i>Townsendia parryi</i>	Native	-
Asteraceae	<i>Townsendia spathulata</i>	Native	-
Anacardiaceae	<i>Toxicodendron rydbergii</i>	Native	4
Commelinaceae	<i>Tradescantia bracteata</i>	Unknown / Undetermined	-
Commelinaceae	<i>Tradescantia occidentalis</i>	Native	4
Asteraceae	<i>Tragopogon dubius</i>	Exotic	0
Asteraceae	<i>Tragopogon porrifolius</i>	Exotic	1
Asteraceae	<i>Tragopogon pratensis</i>	Exotic	1
Brassicaceae	<i>Transberingia bursifolia</i> ssp. <i>virgata</i>	Native	-
Ranunculaceae	<i>Trautvetteria carolinensis</i>	Native	8
Liliaceae	<i>Triantha occidentalis</i>	Native	7
Zygophyllaceae	<i>Tribulus terrestris</i>	Exotic	0
Cyperaceae	<i>Trichophorum alpinum</i>	Native	9
Cyperaceae	<i>Trichophorum cespitosum</i>	Native	8
Cyperaceae	<i>Trichophorum pumilum</i>	Native	10
Fabaceae	<i>Trifolium arvense</i>	Exotic	1
Fabaceae	<i>Trifolium aureum</i>	Exotic	0
Fabaceae	<i>Trifolium beckwithii</i>	Native	4
Fabaceae	<i>Trifolium campestre</i>	Exotic	1
Fabaceae	<i>Trifolium cyathiferum</i>	Native	3
Fabaceae	<i>Trifolium dasypyllyum</i>	Native	-
Fabaceae	<i>Trifolium dubium</i>	Exotic	1
Fabaceae	<i>Trifolium eriocephalum</i>	Native	4
Fabaceae	<i>Trifolium eriocephalum</i> ssp. <i>arcuatum</i>	Native	-
Fabaceae	<i>Trifolium fragiferum</i>	Exotic	0
Fabaceae	<i>Trifolium gymnocarpon</i>	Native	-
Fabaceae	<i>Trifolium haydenii</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Fabaceae	<i>Trifolium hybridum</i>	Exotic	0
Fabaceae	<i>Trifolium latifolium</i>	Native	-
Fabaceae	<i>Trifolium longipes</i>	Native	6
Fabaceae	<i>Trifolium microcephalum</i>	Native	1
Fabaceae	<i>Trifolium nanum</i>	Native	8
Fabaceae	<i>Trifolium parryi</i>	Native	7
Fabaceae	<i>Trifolium pratense</i>	Exotic	0
Fabaceae	<i>Trifolium repens</i>	Exotic	0
Fabaceae	<i>Trifolium variegatum</i>	Unknown / Undetermined	-
Fabaceae	<i>Trifolium wormskioldii</i>	Exotic	-
Juncaginaceae	<i>Triglochin maritima</i>	Native	8
Juncaginaceae	<i>Triglochin palustris</i>	Native	7
Liliaceae	<i>Trillium ovatum</i>	Native	-
Campanulaceae	<i>Triodanis leptocarpa</i>	Native	-
Campanulaceae	<i>Triodanis perfoliata</i>	Native	1
Asteraceae	<i>Tripleurospermum inodorum</i>	Exotic	1
Nyctaginaceae	<i>Tripterocalyx micranthus</i>	Native	-
Poaceae	<i>Trisetum canescens</i>	Native	-
Poaceae	<i>Trisetum cernuum</i>	Native	-
Poaceae	<i>Trisetum orthochaetum</i>	Native	-
Poaceae	<i>Trisetum spicatum</i>	Native	-
Poaceae	<i>Trisetum wolfii</i>	Native	4
Liliaceae	<i>Triteleia grandiflora</i>	Native	-
Poaceae	<i>Triticum aestivum</i>	Exotic	1
Ranunculaceae	<i>Trollius albiflorus</i>	Native	7
Pinaceae	<i>Tsuga heterophylla</i>	Native	-
Pinaceae	<i>Tsuga mertensiana</i>	Native	-
Brassicaceae	<i>Turritis glabra</i>	Exotic	1
Typhaceae	<i>Typha angustifolia</i>	Unknown / Undetermined	-
Typhaceae	<i>Typha latifolia</i>	Native	3
Ulmaceae	<i>Ulmus americana</i>	Native	9
Ulmaceae	<i>Ulmus pumila</i>	Exotic	0
Urticaceae	<i>Urtica dioica</i>	Native	3
Urticaceae	<i>Urtica dioica</i> ssp. <i>gracilis</i>	Native	-
Urticaceae	<i>Urtica dioica</i> ssp. <i>holosericea</i>	Native	-
Lentibulariaceae	<i>Utricularia intermedia</i>	Native	10
Lentibulariaceae	<i>Utricularia macrorhiza</i>	Native	5
Lentibulariaceae	<i>Utricularia minor</i>	Native	10
Lentibulariaceae	<i>Utricularia ochroleuca</i>	Native	10
Caryophyllaceae	<i>Vaccaria hispanica</i>	Exotic	1
Ericaceae	<i>Vaccinium cespitosum</i>	Native	5
Ericaceae	<i>Vaccinium membranaceum</i>	Native	-
Ericaceae	<i>Vaccinium myrtilloides</i>	Native	6
Ericaceae	<i>Vaccinium myrtillus</i>	Native	-
Ericaceae	<i>Vaccinium ovalifolium</i>	Unknown / Undetermined	-
Ericaceae	<i>Vaccinium scoparium</i>	Native	-
Ericaceae	<i>Vaccinium uliginosum</i>	Native	8
Poaceae	<i>Vahlodea atropurpurea</i>	Native	7
Valerianaceae	<i>Valeriana acutiloba</i>	Native	7

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Valerianaceae	<i>Valeriana dioica</i>	Native	5
Valerianaceae	<i>Valeriana edulis</i>	Native	7
Valerianaceae	<i>Valeriana occidentalis</i>	Native	7
Valerianaceae	<i>Valeriana sitchensis</i>	Native	7
Valerianaceae	<i>Valerianella locusta</i>	Exotic	1
Poaceae	<i>Ventenata dubia</i>	Exotic	0
Liliaceae	<i>Veratrum californicum</i>	Native	4
Liliaceae	<i>Veratrum viride</i>	Native	7
Scrophulariaceae	<i>Verbascum blattaria</i>	Exotic	1
Scrophulariaceae	<i>Verbascum thapsus</i>	Exotic	0
Verbenaceae	<i>Verbena bipinnatifida</i>	Unknown / Undetermined	-
Verbenaceae	<i>Verbena bracteata</i>	Native	3
Verbenaceae	<i>Verbena hastata</i>	Native	6
Verbenaceae	<i>Verbena stricta</i>	Unknown / Undetermined	-
Asteraceae	<i>Verbesina encelioides</i>	Unknown / Undetermined	-
Plantaginaceae	<i>Veronica americana</i>	Native	5
Plantaginaceae	<i>Veronica anagallis-aquatica</i>	Exotic	0
Plantaginaceae	<i>Veronica arvensis</i>	Exotic	0
Plantaginaceae	<i>Veronica biloba</i>	Exotic	1
Plantaginaceae	<i>Veronica chamaedrys</i>	Exotic	1
Plantaginaceae	<i>Veronica cusickii</i>	Native	7
Plantaginaceae	<i>Veronica longifolia</i>	Exotic	1
Plantaginaceae	<i>Veronica officinalis</i>	Exotic	0
Plantaginaceae	<i>Veronica peregrina</i>	Native	4
Plantaginaceae	<i>Veronica persica</i>	Exotic	1
Plantaginaceae	<i>Veronica scutellata</i>	Native	6
Plantaginaceae	<i>Veronica serpyllifolia</i>	Native/Exotic	-
Plantaginaceae	<i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	Native	2
Plantaginaceae	<i>Veronica serpyllifolia</i> ssp. <i>serpyllifolia</i>	Exotic	0
Plantaginaceae	<i>Veronica verna</i>	Exotic	1
Plantaginaceae	<i>Veronica wormskjoldii</i>	Native	7
Caprifoliaceae	<i>Viburnum edule</i>	Native	8
Caprifoliaceae	<i>Viburnum lantana</i>	Exotic	1
Caprifoliaceae	<i>Viburnum lentago</i>	Native	6
Caprifoliaceae	<i>Viburnum opulus</i>	Native	1
Fabaceae	<i>Vicia americana</i>	Native	3
Fabaceae	<i>Vicia americana</i> ssp. <i>americana</i>	Native	-
Fabaceae	<i>Vicia americana</i> ssp. <i>minor</i>	Native	-
Fabaceae	<i>Vicia cracca</i>	Exotic	1
Fabaceae	<i>Vicia sativa</i>	Exotic	1
Fabaceae	<i>Vicia tetrasperma</i>	Exotic	1
Fabaceae	<i>Vicia villosa</i>	Exotic	1
Asteraceae	<i>Viguiera multiflora</i>	Native	-
Violaceae	<i>Viola adunca</i>	Native	5
Violaceae	<i>Viola arvensis</i>	Exotic	1
Violaceae	<i>Viola canadensis</i>	Native	-
Violaceae	<i>Viola glabella</i>	Native	4
Violaceae	<i>Viola macloskeyi</i>	Native	8
Violaceae	<i>Viola nephrophylla</i>	Native	8

FAMILY NAME	SCIENTIFIC NAME	ORIGIN	2015 C-VALUE
Violaceae	<i>Viola nuttallii</i>	Native	-
Violaceae	<i>Viola nuttallii</i> var. <i>praemorsa</i>	Native	-
Violaceae	<i>Viola nuttallii</i> var. <i>vallicola</i>	Native	-
Violaceae	<i>Viola orbiculata</i>	Native	-
Violaceae	<i>Viola palustris</i>	Native	7
Violaceae	<i>Viola pedatifida</i>	Unknown / Undetermined	-
Violaceae	<i>Viola purpurea</i>	Native	-
Violaceae	<i>Viola renifolia</i>	Native	8
Violaceae	<i>Viola selkirkii</i>	Native	-
Violaceae	<i>Viola septentrionalis</i>	Native	-
Vitaceae	<i>Vitis riparia</i>	Native	5
Poaceae	<i>Vulpia bromoides</i>	Exotic	1
Poaceae	<i>Vulpia microstachys</i>	Unknown / Undetermined	-
Poaceae	<i>Vulpia myuros</i>	Exotic	1
Poaceae	<i>Vulpia octoflora</i>	Native	-
Rosaceae	<i>Waldsteinia idahoensis</i>	Native	-
Lemnaceae	<i>Wolffia borealis</i>	Native	-
Lemnaceae	<i>Wolffia brasiliensis</i>	Native	7
Lemnaceae	<i>Wolffia columbiana</i>	Native	7
Dryopteridaceae	<i>Woodsia oregana</i>	Native	-
Dryopteridaceae	<i>Woodsia scopulina</i>	Native	-
Asteraceae	<i>Wyethia amplexicaulis</i>	Native	3
Asteraceae	<i>Wyethia helianthoides</i>	Native	2
Asteraceae	<i>Wyethia scabra</i>	Native	-
Poaceae	x <i>Elyhordeum macounii</i>	Unknown / Undetermined	-
Asteraceae	<i>Xanthisma grindeloides</i>	Native	-
Asteraceae	<i>Xanthisma spinulosum</i>	Unknown / Undetermined	-
Asteraceae	<i>Xanthium spinosum</i>	Exotic	1
Asteraceae	<i>Xanthium strumarium</i>	Native	3
Liliaceae	<i>Xerophyllum tenax</i>	Native	5
Asteraceae	<i>Xylorhiza glabriuscula</i>	Native	-
Agavaceae	<i>Yucca glauca</i>	Native	-
Zannichelliaceae	<i>Zannichellia palustris</i>	Native	8
Liliaceae	<i>Zigadenus elegans</i>	Native	4
Liliaceae	<i>Zigadenus paniculatus</i>	Unknown / Undetermined	-
Liliaceae	<i>Zigadenus venenosus</i>	Native	5
Poaceae	<i>Zizania aquatica</i>	Exotic	0
Apiaceae	<i>Zizia aptera</i>	Native	7
Zygophyllaceae	<i>Zygophyllum fabago</i>	Exotic	1